Pavonia Compressor Station Characterization Report

Weller Township, Richland County, Ohio

May 29, 2001 Revised July 31, 2001

Prepared for:

COLUMBIA GAS TRANSMISSION CORPORATION

Prepared By:

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2.0 ENVIRONMENTAL SETTING

2.1 PHYSICAL SETTING

The site occupies a level to sloping 21-acre area. A portion of the site (approximately 13.3 acres) is surrounded with a 6-foot high chain-link fence (Figure 1-2). The operations portion of the facility occupies an area of approximately 8 acres within the fenced area. The majority of the site is grass-covered where buildings are not present. A small portion of the site has been paved with asphalt to provide access drives and parking areas, and some areas are covered with gravel.

Topographic relief in this area is moderately steep. Stream base levels are about 1,000 to 1,010 feet above mean sea level (msl) in the site vicinity, while hill top elevations are up to 1,350 feet above msl. The facility is located on a level to sloping area. The elevation of the project site (based on the USGS topographic map, Figure 1-1) ranges from approximately 1,000 on the southeast side to 1,060 feet above msl on the northwest side. A portion of the eastern side of the site is located in the floodplain of the Black Fork Mohican River.

Surface water drainage at the site is to the east towards the Black Fork Mohican River.

2.2 CLIMATE

The site is located in Richland County, which is characterized by a humid, modified continental climate with warm summers and moderately cold winters. Temperature and rainfall data was collected from the National Oceanic and Atmospheric (NOAA) data center at the Mansfield, Ohio weather service office, which is located 6 miles northwest of the site. The mean annual normal (1961-1990) temperature is 49.5° Fahrenheit, (Owenby and Ezell, 1992). The mean normal (1961 - 1990) temperature for January, the coldest month, is 24.5° Fahrenheit and the mean normal temperature for July, the warmest month, is 72.1° Fahrenheit.

The annual normal (1961-1990) precipitation at Mansfield is 39.66 inches (Owenby and Ezell, 1992). Precipitation is evenly distributed throughout the year with the maximum precipitation occurring in March through September, with October through April being somewhat dryer. Average annual recharge data was not available for this area.

2.3 SURFACE WATER HYDROLOGY

The Pavonia Compressor Station is located to the west of and partially within the floodplain of the Black Fork Mohican River, which is located 500 feet to the east of the site. The facility is located on a flat to sloping area, with elevations increasing to the northwest and decreasing to the east toward the river. Based on the observed topography, surface water runoff from the site is generally to the southeast, toward the river (Figure 1-2). The Pavonia, Ohio USGS Topographic Quadrangle indicates that the eastern portion of the property, on either side of the flood control dike, is subject to inundation (Figure 1-1). The Black Fork Mohican River flows southward through Charles Mill Lake approximately 4 miles south of the site and joins the Muskingum River near Coshocton, Ohio. The Muskingum River flows southeast into the Ohio River at Marietta, Ohio. The Muskingum River watershed basin drains most of Richland County.

A pond is located on the northeast side of the site, which was formed in a former river channel of the Black Fork Mohican River when a flood control dike was constructed by the U.S. Army Corps of Engineers. Surface water in the operations area of the site are collected by a series of roof drains, catch basins and yard drains, which drain into the pond located on the northeast side of the site or into the main catch basin located on the east side of the site. A valve on the north side of the pond permits overflow to the abandoned river channel of the Black Fork Mohican River. The main catch basin also drains to the abandoned river channel.

The daily mean flow rate for water years 1938 through 1991 for the Black Fork Mohican River measured below Charles Mill Dam is 325 cubic feet per second. This station is located six miles southeast and downstream of the site near Mifflin, Ohio.

Potable water at the site is provided by Water Well #2, which is located northwest of the Area Office Building (Figure 1-2). Potable water in the area is provided by private wells, which obtain water from wells set primarily in shale and sandstone bedrock. There is no public water system for Weller Township (Jack Wells, Richland County Water Department, personal communication).

2.4 GEOLOGY AND SOILS

The site is located in the Glaciated Plateau Section of the Appalachian Plateaus Physiographic Province (ODNR, 1982). The glacial deposits in this area consist of Wisconsin-age moraine, kames and eskers, and recent alluvium (Goldthwaite and Pavey, 1993). The moraines, kames and eskers form high, steep hummocks or long, sinuous ridges composed of bedded sand and gravel, from 10 to 200 feet thick. The alluvium consists of poorly sorted, poorly bedded silt and sand, generally less than 25 feet thick, deposited valleys and depression. The alluvium may overly thicker glacial sand and gravel outwash deposits in the larger river valleys.

The Richland County Soil Survey describes soils in the vicinity of the site as the Alexandria silt loam, the Sloan silty clay loam, the Cardington silt loam, and cut and fill land (Figure 2-1). The Sloan silty clay loam is located on the northeast corner of the site, adjacent to the pond, and in the floodplain of the Black Fork Mohican River. It consists of dark, nearly level, very poorly drained soils that formed in sediment deposited by flowing streams in relatively recent times. Permeability is moderately slow, and there is a flooding hazard. The water table is very high (within 6 inches of the surface) during wetter times of the year.

The Alexandria silt loam (12 to 18 percent slope) is located on the northeast side of the site near the pond, and on the west -central part of the site. It consists of gently sloping to very steep, well-drained soils which formed in glacial till on the sides of valleys and minor drainageways, and is moderately eroded. Permeability is moderately slow.

The Cardington Silt loam (2 to 6 percent slopes) is located on the southwest side of the site along Cotter Road and on the northwest side of the site. This consists of gently sloping to

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sloping, moderately well drained soils that formed in glacial till. Permeability is moderately slow, and the water table is high in winter and spring.

Cut and fill land is located on the central operations portion of the site. This consists of areas where natural soils have been altered by cutting or filling (Redmond et al, 1975).

Based on visual observations made during completion of the site characterization, surface soils consist of loose sandy gravel or clayey silt fill or clayey silt. Borings were completed to a maximum depth of 20 feet. Subsurface soils consisted of clayey silt fill, sand, clay, silty sand, silty clay, or clayey silt.

Bedrock was not encountered in the drilling program. According to the Drift Thickness Map of Richland County, Ohio (Vormelker, 1984) and Bedrock Topography of the Pavonia, Ohio Quadrangle, (Vorbau and Swinford, 1995), the depth to bedrock is approximately 50 to 100 feet. Bedrock underlying the site is mapped as the Mississippian-age Logan Formation (Swinford, 1995), which consists of thin to thick bedded brown sandstone, siltstone, and minor amounts of shale ranging in thickness from 1 to 400 feet (Swinford et al, 1998). This is underlain by the Cuyahoga Formation, which is thin to thick bedded gray to brown shale interbedded with minor sandstone and siltstone 50 to 650 feet thick (Swinford et al, 1998).

2.5 HYDROGEOLOGY AND GROUNDWATER QUALITY

The major groundwater supplies in Richland County are obtained from a network of sand and gravel-filled ancestral buried valleys. Yields of greater than 1,000 gallons per minute (gpm) are obtained in these systems (Schmidt, 1979) (Figure 2-2). The site is located in an area where the primary aquifer is the bedrock underlying the unconsolidated glacial till. Groundwater supplies developed in the sandstone and shale formations of the Cuyahoga Group yield between 5 to more than 20 gallons per minute (gpm) (Schmidt, 1979). Most wells are drilled to depths ranging from 50 to 275 feet. Industrial and municipal supply wells with yields of more than 250 gpm have been reported for properly constructed large diameter wells

4.3.1 Background Sampling Results

Five soil borings (SB052 through SB055 and SB061) were completed to a total depth of 6 feet

bgs. Samples were collected from a depth of 0 to 1 and 2 to 6 feet bgs. Samples from borings

SB052 through SB055 were analyzed for Table 1 constituents. Samples from boring SB061

were analyzed for Table 1 metals (minus mercury).

No VOCs or PCBs were detected in any of the samples. Polycyclic Aromatic Hydrocarbons

(PAHs) were detected below CALs in one sample (SB052-40001). Potential sources of the PAHs

are storm runoff from the adjacent paved driveway or Conrail railroad tracks. Up to 7 metals

were detected in all the borings in the 0 to 1 foot bgs and 2 to 6 feet bgs sample intervals. The

concentrations were generally below the CALs (Appendix H).

Sample PAV-SB055-40001 was collected as a background sample. However, because lead was

detected at a concentration of 463 mg/kg, the sample is not considered representative of

background. Therefore, the sample is evaluated as a site sample. The sample was analyzed

for Table 1 constituents. VOCs, SVOCs, and PCBs were not detected in the sample. Table 1

metals, with the exception of lead, were detected below CALs and/or Background.

Arsenic was detected in all of the samples at concentrations ranging from 6.4 mg/kg to 24.7(J-)

mg/kg. These concentrations are above the CAL for arsenic of 0.43 mg/kg. As provided for in

the CWP, the higher of the maximum detected concentration of a constituent in background

and two times the average background concentration is used to establish the background

concentration at the site (Appendix H). The calculated site background concentrations are as

follows:

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Arsenic - 35.5 mg/kg

Barium -238 mg/kg

Beryllium – 3.6 mg/kg

Cadmium - 1.3 mg/kg

Chromium - 76.4 mg/kg

Lead - 108 mg/kg

Nickel - 59.3 mg/kg

-34- May 29, 2001 Revised July 31, 2001 Benzo(b)fluoranthene – 0.48 mg/kg Benzo(k)fluoranthene – 0.48 mg/kg

4.3.2 Random PCB Samples

Twenty-six random PCB samples (SS056 through SS080 and SS084) were collected on an

approximate 100-foot grid to a total depth of 0.5 foot, and analyzed for PCBs.

PCBs were detected in five samples at concentrations below the CAL. PCBs were not detected

in any other samples.

4.3.3 PRA #1 800-Gallon Former Used Oil AT

One soil boring (SB014) was completed to a total depth of 6 feet bgs in the area of the 800-Gallon

Former Used Oil AT on the southeast side of the site. Samples were collected from a depth of 0 to

1 foot, 2 to 4 feet, and 4 to 6 feet bgs and analyzed for Table 1 constituents.

VOCs, PAHs, and PCBs were not detected in any of the samples. Up to six Table 1 metals were

detected below the CALs and/or Background. Arsenic was detected in all of the samples at

concentrations ranging from 10.2(J-) mg/kg to 21.5(J-) mg/kg. These concentrations are above

the CAL for arsenic of 0.43 mg/kg but below the calculated background concentration of 35.5

mg/kg (Appendix H).

4.3.4 PRA #2 1,260-Gallon Glycol AT

One soil boring (SB015) was completed to a total depth of 1 foot bgs in the area of the 1,260-Gallon

Glycol AT on the southeast side of the site. A sample was collected from a depth of 0 to 1 foot bgs

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and analyzed for arsenic.

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May 29, 2001 Revised July 31, 2001 Arsenic was detected in the sample at a concentration of 15.2(J-) mg/kg. This concentration is above the CAL for arsenic of 0.43 mg/kg but below the calculated background concentration of 35.5 mg/kg (Appendix H).

4.3.5 PRA #3 7,000-Gallon Glycol AT

One soil boring (SB016) was completed to a total depth of 6 feet bgs in the area of the 7,000-Gallon Glycol AT on the southeast side of the site. Samples were collected from depths of 0 to 1 foot and 4 to 6 feet bgs and analyzed for arsenic.

Arsenic was detected in both of the samples at concentrations ranging from 8.9(J-) mg/kg to 12.6(J-) mg/kg. These concentrations are above the CAL for arsenic of 0.43 mg/kg but below the calculated background concentration of 35.5 mg/kg (Appendix H).

4.3.6 PRA #4 4,000-Gallon Glycol AT

One soil boring (SB017) was completed to a total depth of 6 feet bgs in the area of the 4,000-Gallon Glycol AT on the southeast side of the site. Samples were collected from depths of 0 to 1 foot, 2 to 4 feet, and 4 to 6 feet bgs and analyzed for arsenic.

Arsenic was detected in all of the samples at concentrations ranging from 12.2(J-) mg/kg to 12.8(J-) mg/kg. These concentrations are above the CAL for arsenic of 0.43 mg/kg but below the calculated background concentration of 35.5 mg/kg (Appendix H).

4.3.7 PRA #5 5,000-Gallon Former Pipeline Liquids AT

Two soil borings (SU003 and SU004) were completed to a total depth of 6 feet bgs in the area of the 5,000-Gallon Former Pipeline Liquids AT on the southeast side of the site. Samples were collected from a depth of 5 to 6 feet bgs. Two groundwater samples were also collected from these borings. The samples were analyzed for BTEX and PCBs.

BTEX and PCBs were not detected in any of the samples. Eight PAHs were detected in sample PAV-SU008-70001 (11 to 12 feet bgs) at concentrations below the CALs. Benzo(a)anthracene (4.2(J) mg/kg), and benzo(b)fluoranthene (4.8(J) mg/kg), and benzo(a)pyrene (2.6(J) mg/kg), were detected in this boring at concentrations which exceeded the CALs for these compounds of 0.87 mg/kg, 0.87 mg/kg, and 0.087 mg/kg, respectively. PAHs were not detected in any of the other samples.

4.3.11 PRA #9 Former Burn Pit

Two surface soil samples (SS085 and SS086) were collected from a depth of 0 to 1 foot in the drainage swale downgradient of the Former Burn Pit on the northwest corner of the site. The samples were analyzed for Table 1 constituents.

BTEX and PAHs were not detected in the samples. PCBs were detected in both samples and exceeded the CAL in sample SS086 at a concentration of 5.3 mg/kg. The CAL for PCBs is 1 mg/kg. Up to four metals were detected in the samples at concentrations which were below the CALs, except for the following: arsenic was detected in both samples at concentrations of 7.6(J) mg/kg and 29.6(J) mg/kg. These concentrations exceed the CAL for arsenic of 0.43 mg/kg but are below the calculated background concentration of 35.5 mg/kg (Appendix H).

4.3.12 PRA #10 Former Disposal Area

Seven soil borings (SU013 through SU016 and SB022 through SB024) were completed to a maximum total depth of 10 feet bgs in the Former Disposal Area on the north-central part of the site. Samples were collected from depths of 0 to 2 feet, 2 to 4 feet, 4 to 6 feet, and 9 to 10 feet bgs. Three surface soil samples (SS087 through SS089) were collected from a depth of 0 to 1 feet in the floodplain sediments at the base of the fill. The samples were analyzed for Table 1 constituents.

VOCs and PAHs were not detected in any of the samples. PCBs were detected in two of the samples at concentrations which did not exceed the CAL. Up to seven metals were detected

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in all of the samples. None of the metals exceeded the CALs except for the following: Arsenic was detected in all of the samples at concentrations ranging from 8.9(J) mg/kg to 23.1(J) mg/kg. These concentrations exceed the CAL for arsenic of 0.43 mg/kg but are below the calculated background concentration of 35.5 mg/kg (Appendix H). Lead was detected in surface soil sample SS087 at a concentration of 505(J) mg/kg. This concentration exceeds the CAL for lead of 400 mg/kg and the calculated background concentration of 108 mg/kg (Appendix H).

4.3.13 PRA #11 Septic System Drainfield

Two soil borings (SU001 and SU002) were completed to a total depth of 6 feet bgs in the area of the Septic System Drainfield on the southeast side of the site. Samples were collected from a depth of 4 to 6 feet bgs. The samples were analyzed for BTEX and PCBs.

PCBs were not detected in any of the samples. Xylene was detected in one sample at a concentration below the CAL.

4.3.14 PRA #12 Former Cooling Pond

Five soil borings (SB025 through SB029) were completed to a total depth of 16 feet bgs in the area of the Former Cooling Pond. Samples were collected from depths of 0 to 2 feet, 2 to 4 feet, 4 to 6 feet, 9 to 11 feet, and 14 to 16 feet bgs. Five groundwater samples were also collected from these borings. The samples were analyzed for Table 1 constituents.

Soil: VOCs and PCBs were not detected in the samples. Eight PAH compounds were detected in SB029 at the 2 to 4 foot interval. Three of these compounds were detected at concentrations which exceeded the CALs as follows: benzo(a)anthracene (0.90 mg/kg), benzo(b)fluoranthene (1.0 mg/kg), and benzo(a)pyrene (0.68 mg/kg). The respective CALs for these compounds are 0.87 mg/kg, 0.87 mg/kg, and 0.087 mg/kg. PAHs were not detected in any of the other samples. Up to seven metals were detected in all of the samples at concentrations below the CALs, except for the following: arsenic was detected at concentrations ranging from 6.4 mg/kg to 58.7 mg/kg. These concentrations exceed the CAL for arsenic of 0.43 mg/kg, but do not exceed the

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calculated background concentration for arsenic of 35.5 mg/kg (Appendix H) except in two samples as follows: 58.7 mg/kg was detected in boring SB025 in the 2 to 4 foot interval and 36.3 mg/kg was detected in SB029 in the 0 to 1 foot interval.

Groundwater: VOCs, PAHs, and PCBs were not detected. Up to six Table 1 metals were detected in all of the samples at concentrations which did not exceed the CALs except for the following: total cadmium was detected in SB025 at 12.0 ug/L, in SB026 at 11.0 ug/L and in SB027 at 18.0 ug/L. The CAL for total cadmium in groundwater is 5 ug/L. Total lead was detected in SB025 at 120 ug/L, in SB026 at 35.0 ug/L, in SB027 at 34.0 ug/L, and in SB028 at 26.0 ug/L. The CAL for total lead in groundwater is 15 ug/L.

4.3.15 PRA #13 Former Skimmer Basin Burn Pit

Eleven soil borings (SB001 through SB010; SB062) were completed to a total depth of 11 feet bgs in the Former Skimmer Basin Burn Pit on the southeast side of the site. Samples were collected from depths of 0 to 1 foot, 1.5 to 3.5 feet, 4 to 6 feet, and 9 to 11 feet. A groundwater sample was collected from one of the borings (SB001). The samples were analyzed for Table 1 constituents, except that PCBs were not analyzed for borings SB006 through SB010 and SB062.

Soil: Acetone was detected at concentrations below the CAL. Up to 11 PAHs were detected in 10 of the borings. The concentrations were below the CALs, except for two of the borings. Boring SB001 contained the following PAHs at a depth of 0 to 1 feet: benzo(a)anthracene (2.8 mg/kg), benzo(b)fluoranthene (4.2 mg/kg), benzo(a)pyrene (2.7 mg/kg), and indeno(1,2,3-c,d)pyrene (1.7 mg/kg). The CALs for these compounds are 0.87 mg/kg, 0.87 mg/kg, 0.087 mg/kg, and 0.87 mg/kg, respectively. Benzo(a)pyrene (0.50(J) mg/kg) was also detected in boring SB005 at a concentration which exceeded the CAL at the 0 to 1-foot depth. The CAL for benzo(a)pyrene is 0.087 mg/kg.

PCBs were detected at concentrations below the CAL of 1 mg/kg in three borings. PCBs were detected in boring SB003 at the 4 to 6 foot interval at a concentration of 1.1(J) mg/kg.

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Up to 11 metals were detected in all of the borings at concentrations which did not exceed the CAL, with the following exceptions. Chromium was detected at a concentration of 249(J-) mg/kg in boring SB005 in the 0 to 1-foot interval. This concentration exceeds the CAL for chromium of 230 mg/kg and the calculated background concentration of 76.4 mg/kg (Appendix H). Arsenic was detected in all of the borings at concentrations ranging from 5.3 mg/kg to 20.5 (J) mg/kg. These concentrations exceed the CAL for arsenic of 0.43 mg/kg but are below the calculated background concentration of 35.5 mg/kg (Appendix H).

Groundwater: Toluene and phenanthrene were detected SB001 at concentrations which did not exceed the CALs. Seven total metals were detected at concentrations which did not exceed the CALs except as follows. Total cadmium was detected at 75.0 ug/L. Total lead was detected at 100 ug/L, and total arsenic was detected at 61.0 µg/L. The CALs for these constituents are 5 ug/L, 15.0 ug/L, and 50 ug/L respectively.

4.3.16 PRA #14 Pond

Eight sediment samples (SD003 through SD010) were collected to a depth of 1 foot into the sediment in the Pond located on the east side of the site. Two surface water samples (SW001 and SW002) were also collected. The samples were analyzed for Table 1 constituents.

Soil: VOCs and PAHs were not detected in any of the samples. PCBs were detected in all of the samples, and exceeded the CAL in three of the samples as follows: PCBs were detected in SD005 at 1.1(J) mg/kg, in SD007 at 1.3(J) mg/kg, and in SD008 at 2.7(J) mg/kg. The CAL for PCBs is 1 mg/kg.

Up to seven metals were detected in all of the samples. The concentrations were below the CALs, with the following exception: arsenic was detected in all of the samples at concentrations ranging from 4.3(J) mg/kg to 42.3(J-) mg/kg. These concentrations exceed the CAL for arsenic of 0.43 mg/kg and are below the calculated background concentration of 35.5 mg/kg (Appendix H) except for 42.3(J-) mg/kg in sample SD009.

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Groundwater: VOCs, PAHs, PCBs, and total metals were not detected.

4.3.17 PRA #15 Former Drainage Channel (Manmade Ditch)

Three soil borings (SB011 through SB013) were completed to a total depth of 11 feet bgs in the

area of the Former Drainage Channel (Manmade Ditch) in the southeast corner of the property.

Samples were collected from depths of 2 to 4 foot, 4 to 6 feet, and 9 to 11 feet bgs. Three

groundwater samples were also collected from these borings. Two sediment samples (SD001

and SD002) were collected from a depth of 0 to 1 feet in the main catch basin and outfall to

creek. The samples were analyzed for BTEX, PAHs, and PCBs.

Soil and Sediment: PAHs were not detected in any of the samples. BTEX was detected in one

of the borings at concentrations which did not exceed the CAL. PCBs were detected in one

boring at a concentration which did not exceed the CAL, and in two sediment samples at

concentrations which exceeded the CAL as follows: PCBs were detected in SD001 at 1.9(J)

mg/kg and in SD002 at 1.3(J) mg/kg. The CAL for PCBs is 1 mg/kg.

Groundwater: BTEX, PAHs, and PCBs were not detected.

4.3.18 PRA #16 ESD Blowdowns

Four surface soil samples (SS009, SS011, SS012, and SS016) were collected to a depth of 1 foot

at the four ESD blowdowns located on the site. The samples were analyzed for BTEX and

PCBs.

BTEX was not detected in any of the samples. PCBs were detected in one sample at a

concentration which did not exceed the CAL.

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4.3.22 PRA #21 Glycol Drip Liquid Removal Point

Two surface soil samples (SS005 and SS081) were collected to a depth of 1 foot bgs at the Glycol Drip Liquid Removal Point located on the heater on the south side of the site. The samples were analyzed for BTEX and arsenic.

BTEX was not detected. Arsenic was detected in all of the samples at concentrations ranging from 7.2(J) mg/kg to 31.0(J) mg/kg. These concentrations exceed the CAL for arsenic of 0.43 mg/kg but are below the calculated background concentration of 35.5 mg/kg (Appendix H). 4.3.23 PRA #22 Former 98,99 Regulator Building

Two surface soil samples (SS017 and SS018) were collected to a depth of 0.5 feet bgs at the Former 98,99 Regulator Building located on the south-central side of the site. The samples were analyzed for mercury.

Mercury was not detected.

4.3.24 PRA #23 Former Measurement Building

Two surface soil samples (SS019 and SS020) were collected to a depth of 0.5 feet bgs at the Former Measurement Building located on the southeast side of the site. The samples were analyzed for mercury.

Mercury was detected in one sample at a concentration which did not exceed the CAL.

4.3.25 PRA #24 Measurement/Regulation Building

Sixteen surface soil samples (SS021 through SS034; SS082 and SS083) were collected to a depth of 0.5 feet bgs at the Measurement/Regulation Building located on the central portion of the site. The samples were analyzed for mercury.

4.3.29 PRA #28 Water Wells #1 and #2

Groundwater samples (MW001 and MW002) were collected from Water Wells #1 and #2 located respectively on the southeastern and south-central portions of the site. The samples were analyzed for Table 1 constituents.

VOCs, PAHs, and PCBs were not detected. Total barium was detected in MW001 and total arsenic was detected in MW002 at concentrations below the CALs. Total lead was detected in MW002 at 17.0 ug/L. This concentration exceeds the CAL for lead of 15 ug/L.

A second sampling event was conducted, and indicated that total and dissolved lead were detected at the wellhead of MW002 at 17.0 ug/L and nondetect, respectively. During a third sampling event, samples were obtained from the kitchen faucet and water fountain. Total and dissolved lead were below the detection limit.

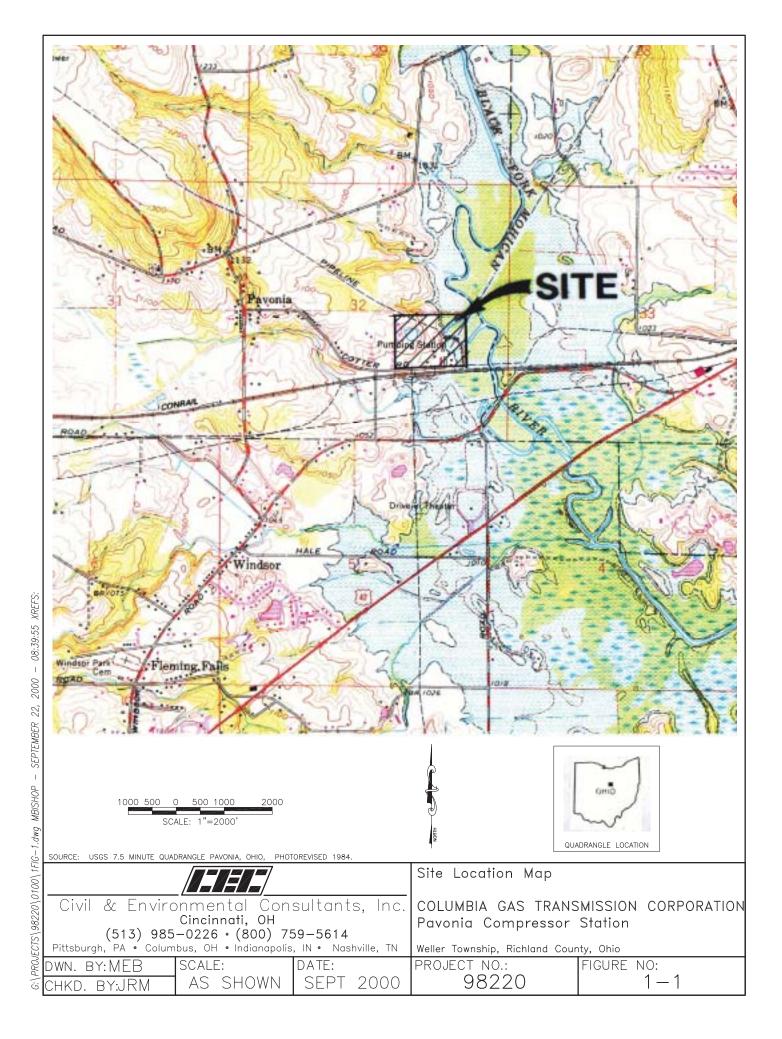
4.3.30 PRA #29 Utility Building Oil Skimmer

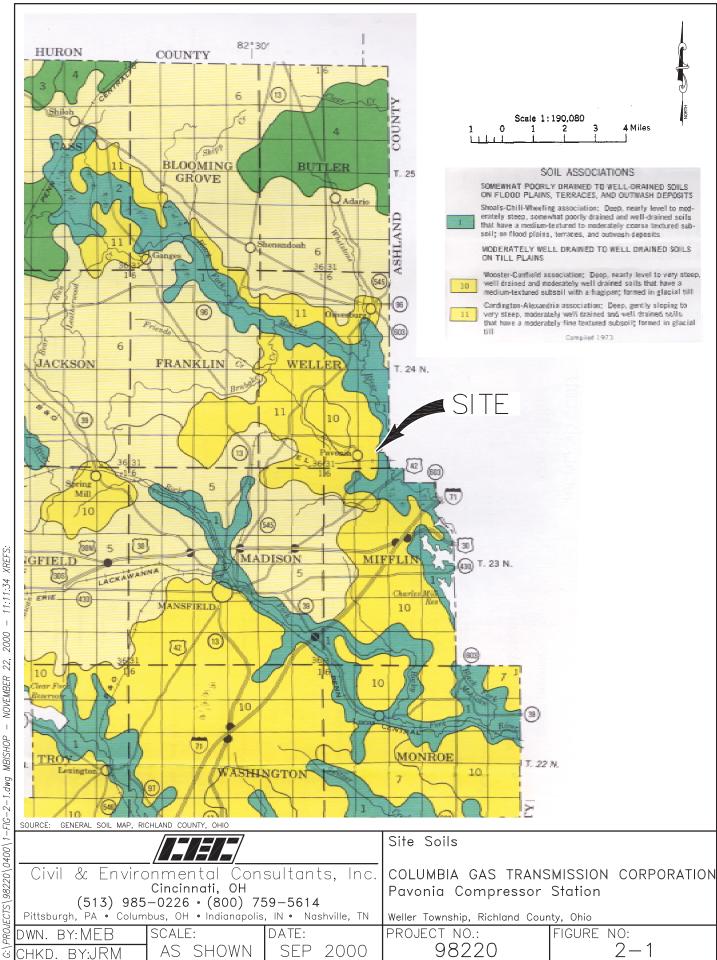
One sediment sample (SD011) was collected to a depth of 1 foot at the discharge point of the Utility Building Oil Skimmer into the Pond on the east side of the site. The sample was analyzed for Table 1 constituents.

VOCs, PAHs, and PCBs were not detected in the sample. Five metals were detected at concentrations which did not exceed the CAL except for the following: Arsenic was detected at a concentration of 22.2(J-) mg/kg. This concentration exceeds the CAL for arsenic of 0.43 mg/kg but is below the calculated background concentration for arsenic of 35.5 mg/kg (Appendix H).

4.3.31 PRA #30 Former Manufactured Gasoline Plant Horizontal ATs

Seven soil borings (SB038 through SB044) were completed to a total depth of 6 feet bgs in the area of the Former Manufactured Gasoline Plant Horizontal ATs (volume unknown) on the west-central





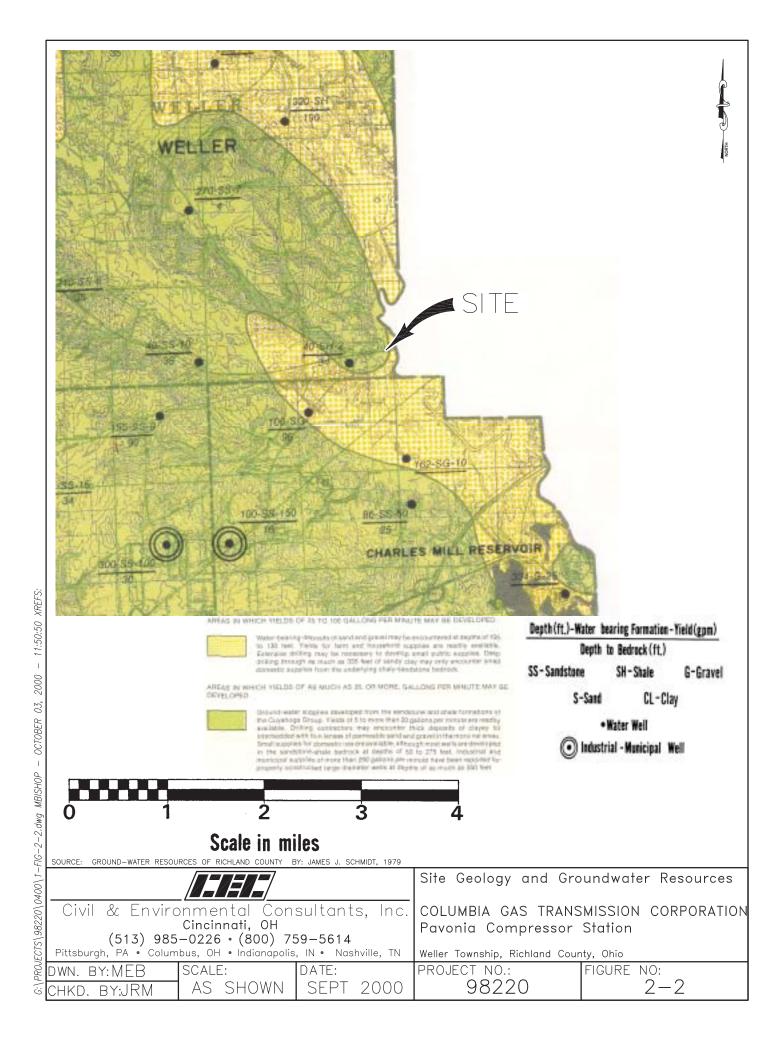
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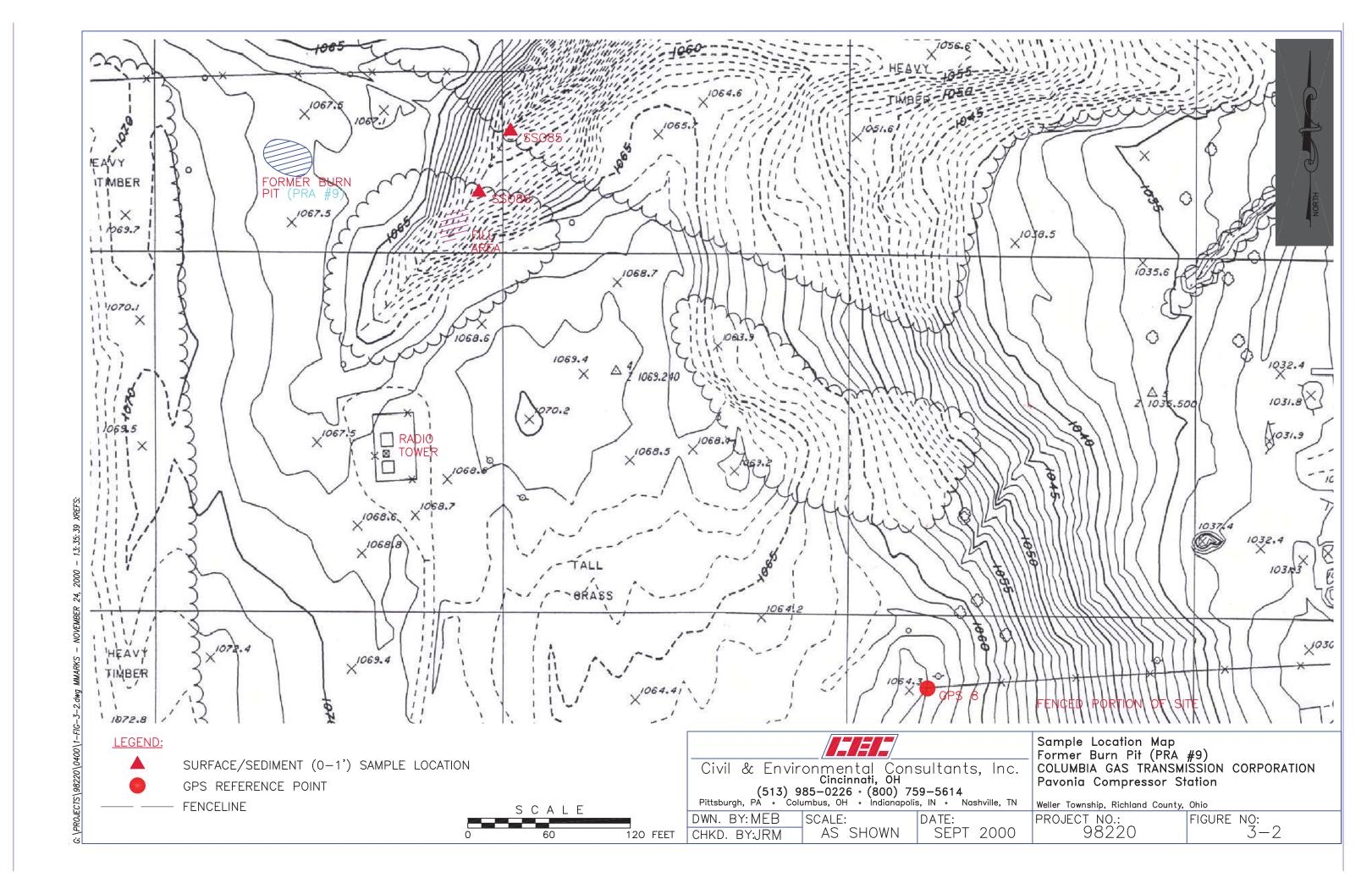
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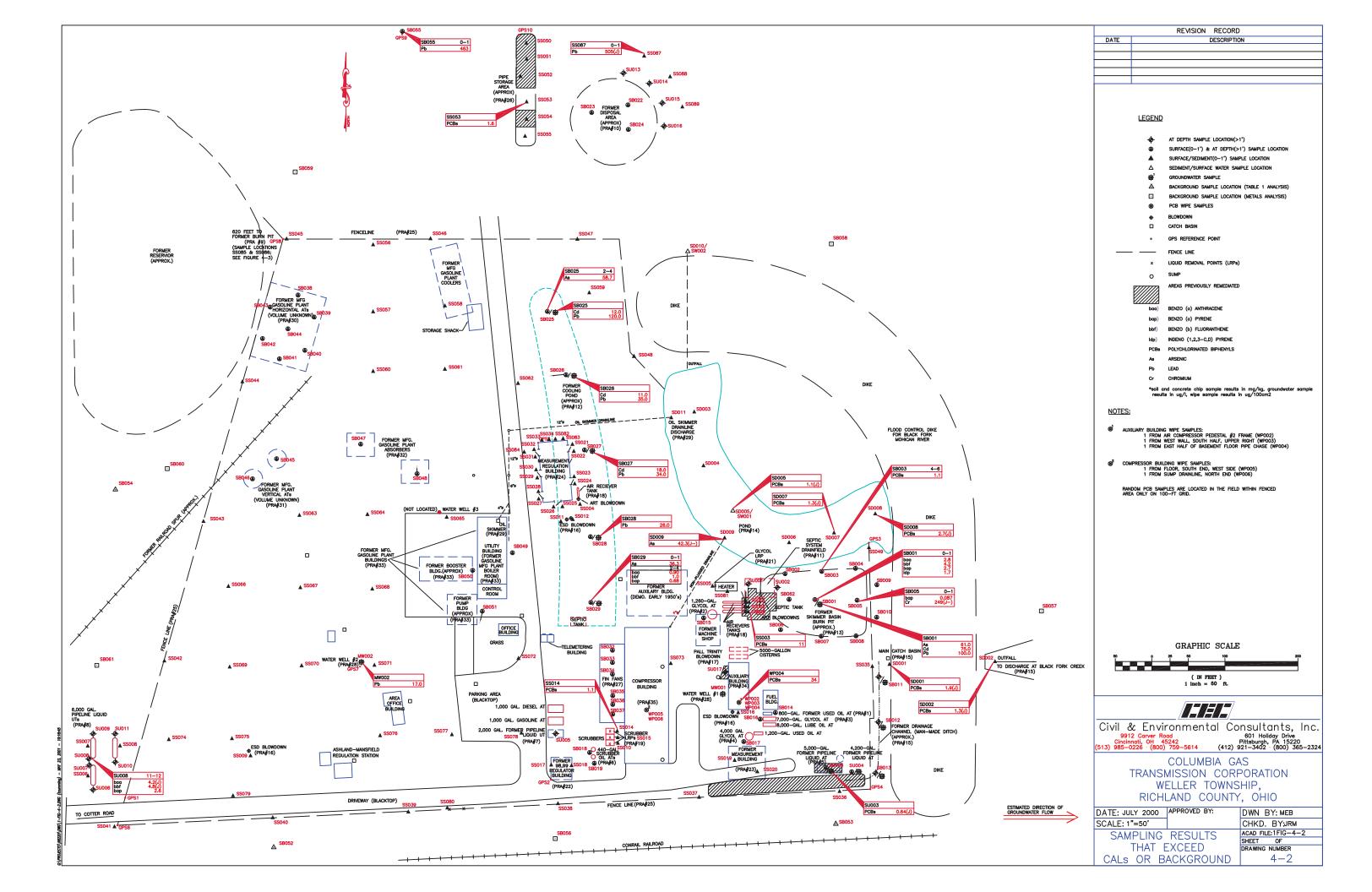
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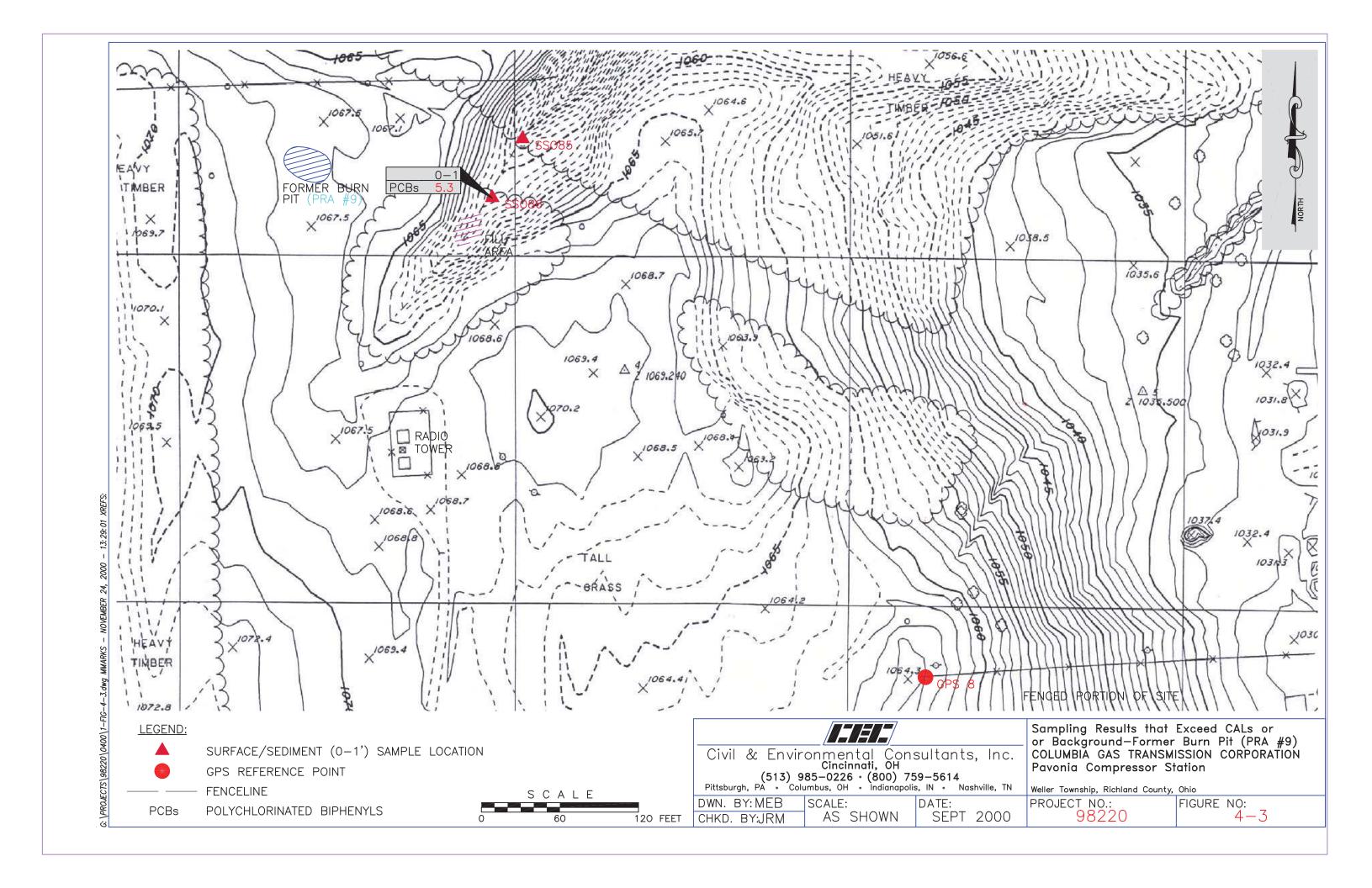


Table 4-3
Summary of Analytical Results

		PRA	0					
		PRA Description	BACKGROUND					
		Sample Type	Normal Sample					
		Sample Id	PAV-SB052-40001				PAV-SB052-70001	
		Depth - ft bgs	0 - 1				2 - 6	
		Collected Date	09/14/98				09/14/98	
		Laboratory	RECRA		Severn Trent Labor	atories	RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	ntal Consultant	Civil & Environmer	ital Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND				ND	
	TOLUENE	16000	ND				ND	
	ETHYLBENZENE	7800	ND				ND	
	XYLENE (TOTAL)	160000	ND				ND	
	ACETONE	7800	ND				ND	
	2-BUTANONE	47000	ND				ND	
BNA	NAPHTHALENE	1600	ND				ND	
	ACENAPHTHENE	4700	ND				ND	
	FLUORENE	3100	ND				ND	
	PHENANTHRENE	23000	ND				ND	
	ANTHRACENE	23000	ND				ND	
	FLUORANTHENE	3100	ND				ND	
	PYRENE	2300	ND				ND	
	BENZO(A)ANTHRACENE	.87	ND				ND	
	BENZO(B)FLUORANTHENE	.87	0.48				ND	
	CHRYSENE	87	ND				ND	
	BENZO(K)FLUORANTHENE	8.7	0.47				ND	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA	0					
		PRA Description	BACKGROUND					
		Sample Type	Normal Sample					
		Sample Id	PAV-SB052-40001				PAV-SB052-70001	
		Depth - ft bgs	0 - 1				2 - 6	
		Collected Date	09/14/98				09/14/98	
		Laboratory	RECRA		Severn Trent Labor	atories	RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	ntal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND				ND	
	BENZO(G,H,I)PERYLENE	2300	ND				ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND				ND	
P/PCB	AROCLOR-1254	1	ND				ND	
	AROCLOR-1260	1	ND				ND	
METAL	BARIUM, TOTAL	5500			130			
	BERYLLIUM, TOTAL	160			1.9			
	CADMIUM, TOTAL	39			ND			
	CHROMIUM, TOTAL	230			76.4			
	LEAD, TOTAL	400			108			
	NICKEL, TOTAL	1600			18.2			
	SILVER, TOTAL	390			ND			
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43			22.4	X		

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id			PAV-SB053-40001		Civil & Environmental Consultant	
		Depth - ft bgs			0 - 1			
		Collected Date			09/14/98			
		Laboratory	Severn Trent Labora	tories	RECRA		Severn Trent Laboratories	
		Sample Collector	Civil & Environment	0 - 1 09/14/98 rent Laboratories RECRA nvironmental Consultant: Civil & Environmental MG/KG	tal Consultant	Civil & Environmental Consultant		
		Result Units MG/KG MG/KG		MG/KG				
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12			ND			
	TOLUENE	16000			ND			
	ETHYLBENZENE	7800			ND			
	XYLENE (TOTAL)	160000			ND			
	ACETONE	7800			ND			
	2-BUTANONE	47000			ND			
BNA	NAPHTHALENE	1600			ND			
	ACENAPHTHENE	4700			ND			
	FLUORENE	3100			ND			
	PHENANTHRENE	23000			ND			
	ANTHRACENE	23000			ND			
	FLUORANTHENE	3100			ND			
	PYRENE	2300			ND			
	BENZO(A)ANTHRACENE	.87			ND			
	BENZO(B)FLUORANTHENE	.87			ND			
	CHRYSENE	87			ND			
	BENZO(K)FLUORANTHENE	8.7			ND			

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id			PAV-SB053-40001			
		Depth - ft bgs			0 - 1			
		Collected Date			09/14/98			
		Laboratory	Severn Trent Labora	itories	RECRA		Severn Trent Labor	atories
		Sample Collector	Civil & Environment	tal Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant:
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087			ND			
	BENZO(G,H,I)PERYLENE	2300			ND			
	INDENO(1,2,3-CD)PYRENE	.87			ND			
P/PCB	AROCLOR-1254	1			ND			
	AROCLOR-1260	1			ND			
METAL	BARIUM, TOTAL	5500	39.8				238	
	BERYLLIUM, TOTAL	160	ND				3.6	
	CADMIUM, TOTAL	39	ND				ND	
	CHROMIUM, TOTAL	230	19.3				44.4	
	LEAD, TOTAL	400	30.1				ND	
	NICKEL, TOTAL	1600	22.7				24.5	
	SILVER, TOTAL	390	ND				ND	
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43	23.1	X			6.4	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB053-70001				PAV-SB054-40001	
		Depth - ft bgs	2 - 6				0 - 1	
		Collected Date	09/14/98				09/14/98	
		Laboratory	RECRA		Severn Trent Labor	ratories	RECRA	
		Sample Collector	Civil & Environmen	ntal Consultant	Civil & Environment	ntal Consultant	Civil & Environmen	ntal Consultant
		Result Units	MG/KG		MG/KG		MG/KG Result Flag > CAL*	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND				ND	
	TOLUENE	16000	ND				ND	
	ETHYLBENZENE	7800	ND				ND	
	XYLENE (TOTAL)	160000	ND				ND	
	ACETONE	7800	ND				ND	
	2-BUTANONE	47000	ND				ND	
BNA	NAPHTHALENE	1600	ND				ND	
	ACENAPHTHENE	4700	ND				ND	
	FLUORENE	3100	ND				ND	
	PHENANTHRENE	23000	ND				ND	
	ANTHRACENE	23000	ND				ND	
	FLUORANTHENE	3100	ND				ND	
	PYRENE	2300	ND				ND	
	BENZO(A)ANTHRACENE	.87	ND				ND	
	BENZO(B)FLUORANTHENE	.87	ND				ND	
	CHRYSENE	87	ND				ND	
	BENZO(K)FLUORANTHENE	8.7	ND				ND	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB053-70001				PAV-SB054-40001	
		Depth - ft bgs	2 - 6				0 - 1	
		Collected Date	09/14/98				09/14/98	
		Laboratory	RECRA		Severn Trent Labor	atories	RECRA	
		Sample Collector	Civil & Environment	tal Consultan	t: Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant:
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND				ND	
	BENZO(G,H,I)PERYLENE	2300	ND				ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND				ND	
P/PCB	AROCLOR-1254	1	ND				ND	
	AROCLOR-1260	1	ND				ND	
METAL	BARIUM, TOTAL	5500			66.7			
	BERYLLIUM, TOTAL	160			ND			
	CADMIUM, TOTAL	39			ND			
	CHROMIUM, TOTAL	230			11.0			
	LEAD, TOTAL	400			39.4			
	NICKEL, TOTAL	1600			22.9			
	SILVER, TOTAL	390			ND			
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43			17.5	X		

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA							
		PRA Description							
		Sample Type							
		Sample Id			PAV-SB054-70001 2 - 6				
		Depth - ft bgs							
		Collected Date			09/14/98				
		Laboratory	Severn Trent Labor	atories	RECRA		Severn Trent Labor	atories	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	ntal Consultant:	
		Result Units	MG/KG		MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
VOA	BENZENE	12			ND				
	TOLUENE	16000			ND				
	ETHYLBENZENE	7800			ND				
	XYLENE (TOTAL)	160000			ND				
	ACETONE	7800			ND				
	2-BUTANONE	47000			ND				
BNA	NAPHTHALENE	1600			ND				
	ACENAPHTHENE	4700			ND				
	FLUORENE	3100			ND				
	PHENANTHRENE	23000			ND				
	ANTHRACENE	23000			ND				
	FLUORANTHENE	3100			ND				
	PYRENE	2300			ND				
	BENZO(A)ANTHRACENE	.87			ND				
	BENZO(B)FLUORANTHENE	.87			ND				
	CHRYSENE	87			ND				
	BENZO(K)FLUORANTHENE	8.7			ND				

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id			PAV-SB054-70001			
		Depth - ft bgs			2 - 6			
		Collected Date			09/14/98			
		Laboratory	Severn Trent Labora	tories	RECRA		Severn Trent Labor	atories
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	ital Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087			ND			
	BENZO(G,H,I)PERYLENE	2300			ND			
	INDENO(1,2,3-CD)PYRENE	.87			ND			
P/PCB	AROCLOR-1254	1			ND			
	AROCLOR-1260	1			ND			
METAL	BARIUM, TOTAL	5500	133				58.6	
	BERYLLIUM, TOTAL	160	ND				1.2	
	CADMIUM, TOTAL	39	ND				ND	
	CHROMIUM, TOTAL	230	14.6				18.5	
	LEAD, TOTAL	400	ND				25.9	
	NICKEL, TOTAL	1600	22.8				50.4	
	SILVER, TOTAL	390	ND				ND	
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43	13.8	X			27.7	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB055-40001				PAV-SB055-70001	
		Depth - ft bgs	0 - 1				2 - 6	
		Collected Date	09/14/98				09/14/98	
		Laboratory	RECRA		Severn Trent Labor	ratories	RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	ntal Consultant	Civil & Environmer	ntal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND				ND	
	TOLUENE	16000	ND				ND	
	ETHYLBENZENE	7800	ND				ND	
	XYLENE (TOTAL)	160000	ND				ND	
	ACETONE	7800	ND				ND	
	2-BUTANONE	47000	ND				ND	
BNA	NAPHTHALENE	1600	ND				ND	
	ACENAPHTHENE	4700	ND				ND	
	FLUORENE	3100	ND				ND	
	PHENANTHRENE	23000	ND				ND	
	ANTHRACENE	23000	ND				ND	
	FLUORANTHENE	3100	ND				ND	
	PYRENE	2300	ND				ND	
	BENZO(A)ANTHRACENE	.87	ND				ND	
	BENZO(B)FLUORANTHENE	.87	ND				ND	
	CHRYSENE	87	ND				ND	
	BENZO(K)FLUORANTHENE	8.7	ND				ND	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB055-40001				PAV-SB055-70001	
		Depth - ft bgs	0 - 1				2 - 6	
		Collected Date	09/14/98				09/14/98	
		Laboratory	RECRA		Severn Trent Labor	atories	RECRA	
		Sample Collector	Civil & Environment	tal Consultan	civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	_
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND				ND	
	BENZO(G,H,I)PERYLENE	2300	ND				ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND				ND	
P/PCB	AROCLOR-1254	1	ND				ND	
	AROCLOR-1260	1	ND				ND	
METAL	BARIUM, TOTAL	5500			72.2			
	BERYLLIUM, TOTAL	160			ND			
	CADMIUM, TOTAL	39			ND			
	CHROMIUM, TOTAL	230			16.2			
	LEAD, TOTAL	400			463	X		
	NICKEL, TOTAL	1600			31.4			
	SILVER, TOTAL	390			ND			
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43			14.4	X		

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id			PAV-SB061-40001		PAV-SB061-40002	
		Depth - ft bgs			0 - 1		2 - 6	
		Collected Date			09/10/98		09/10/98	
		Laboratory	Severn Trent Labor	atories	RECRA		RECRA	
		Sample Collector	Civil & Environmen	ntal Consultants	Civil & Environment	ntal Consultant	Civil & Environme	ntal Consultant:
		Result Units MG/KG MG/KG M						
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						+

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id			PAV-SB061-40001		PAV-SB061-40002	
		Depth - ft bgs			0 - 1		2 - 6	
		Collected Date			09/10/98		09/10/98	
		Laboratory	Severn Trent Labor	atories	RECRA		RECRA	
		Sample Collector	Civil & Environmer	ntal Consultant	Civil & Environment	ntal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.08′	7					
	BENZO(G,H,I)PERYLENE	2300)					
	INDENO(1,2,3-CD)PYRENE	.8′	7					
P/PCB	AROCLOR-1254		1					
	AROCLOR-1260		1					
METAL	BARIUM, TOTAL	5500	78.8		49.0		40.1	
	BERYLLIUM, TOTAL	160) ND		ND		ND	
	CADMIUM, TOTAL	39) ND		ND		1.3	
	CHROMIUM, TOTAL	230	18.9		16.9		10.4	
	LEAD, TOTAL	400	27.6		ND		ND	
	NICKEL, TOTAL	1600	42.5		36.4 J-		26.4 J-	
	SILVER, TOTAL	390) ND		ND		ND	
	MERCURY, TOTAL	20)					
	ARSENIC, TOTAL	.43	3 12.2	X	12.1 J-	X	24.7 J-	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA							
		PRA Description	RANDOM PCB SAMPLES						
		Sample Type	Normal Sample						
		Sample Id	PAV-SS056-40001		PAV-SS057-40001		PAV-SS058-40001		
		Depth - ft bgs	0 - 0.5	0.5		0 - 0.5		0 - 0.5	
		Collected Date	RECRA RECRA		09/10/98 RECRA t: Civil & Environmental Consultants		09/10/98 RECRA Civil & Environmental Consultant		
		Laboratory							
		Sample Collector							
		Result Units	MG/KG MG/KG		MG/KG				
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
VOA	BENZENE	12							
	TOLUENE	16000							
	ETHYLBENZENE	7800							
	XYLENE (TOTAL)	160000							
	ACETONE	7800							
	2-BUTANONE	47000							
BNA	NAPHTHALENE	1600							
	ACENAPHTHENE	4700							
	FLUORENE	3100							
	PHENANTHRENE	23000							
	ANTHRACENE	23000							
	FLUORANTHENE	3100							
	PYRENE	2300							
	BENZO(A)ANTHRACENE	.87							
	BENZO(B)FLUORANTHENE	.87							
	CHRYSENE	87							
	BENZO(K)FLUORANTHENE	8.7							

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA							
		PRA Description	RANDOM PCB SAMPLES						
		Sample Type	e Normal Sample						
		Sample Id	Depth - ft bgs		PAV-SS057-40001 0 - 0.5 09/10/98 RECRA int: Civil & Environmental Consultant		PAV-SS058-40001 0 - 0.5 09/10/98 RECRA t: Civil & Environmental Consultant		
		Depth - ft bgs							
		Collected Date							
		Laboratory							
		Sample Collector							
		Result Units	MG/KG	MG/KG MG/KG		/IG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
	BENZO(A)PYRENE	.087	7						
	BENZO(G,H,I)PERYLENE	2300)						
	INDENO(1,2,3-CD)PYRENE	.87	7						
P/PCB	AROCLOR-1254		ND ND		ND		ND		
	AROCLOR-1260		ND ND		ND		ND		
METAL	BARIUM, TOTAL	5500)						
	BERYLLIUM, TOTAL	160)						
	CADMIUM, TOTAL	39)						
	CHROMIUM, TOTAL	230)						
	LEAD, TOTAL	400)						
	NICKEL, TOTAL	1600)						
	SILVER, TOTAL	390)						
	MERCURY, TOTAL	20)						
	ARSENIC, TOTAL	.43	3						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	bgs 0 - 0.5 0 - 0.5 Date 09/10/98 09/09/98 Ty RECRA RECRA			PAV-SS061-40001 0 - 0.5 09/10/98 RECRA I Consultant Civil & Environmental Consultant		
		Depth - ft bgs						
		Collected Date						
		Laboratory						
		Sample Collector			ntal Consultant			
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS059-40001		PAV-SS060-40001		PAV-SS061-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/10/98 09/09/98		09/09/98		09/10/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	llector Civil & Environmental Consultant: Civil & Environmental Consultant C				Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	_
II LL	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS062-40001		PAV-SS063-40001		PAV-SS064-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/10/98		09/09/98		09/09/98	
		Laboratory	RECRA RECRA		RECRA			
		Sample Collector	Civil & Environmen	Civil & Environmental Consultant: Civil & Environmental Consultant:			Civil & Environmen	tal Consultant
		Result Units	MG/KG	MG/KG MG/KG				
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS062-40001		PAV-SS063-40001		PAV-SS064-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/10/98 09/09/98		09/09/98			
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Collector Civil & Environmental Consultant: Civil & Environmental Consultant				Civil & Environmen	tal Consultant:
		Result Units	MG/KG		MG/KG		MG/KG	
II LL	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS065-40001		PAV-SS066-40001		PAV-SS067-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/09/98		09/09/98		09/09/98	
		Laboratory	RECRA RECRA FOR Civil & Environmental Consultant: Civil &		RECRA			
		Sample Collector						
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS065-40001		PAV-SS066-40001		PAV-SS067-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	e 09/09/98 09/09/98		09/09/98		09/09/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Collector Civil & Environmental Consultant: Civil & Environmental Consultant: C				Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	_
II L	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS068-40001		PAV-SS069-40001		PAV-SS070-40001	
		Depth - ft bgs			0 - 0.5			
		Collected Date			09/09/98			
		Laboratory	RECRA	RECRA RECRA		RECRA		
		Sample Collector	Civil & Environmental Consultant: Civil & Environmental Consultant:		Civil & Environmen	tal Consultant		
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag > CAL*		Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						_
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS068-40001		PAV-SS069-40001		PAV-SS070-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/09/98 09/09/98			09/09/98		
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	e Collector Civil & Environmental Consultant: Civil & Environmental Consultant C			Civil & Environmen	tal Consultant:	
		Result Units	MG/KG		MG/KG		MG/KG	_
II U	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		0.040	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA Description						
		Sample Type						
		Sample Id	PAV-SS071-40001		PAV-SS072-40001		PAV-SS073-40001	
		Depth - ft bgs	0 - 0.5 0 - 0.5 09/09/98 09/09/98 RECRA RECRA Civil & Environmental Consultant: Civil & Environmental Consultant:		0 - 0.5		0 - 0.5	
		Collected Date			09/09/98		09/09/98	
		Laboratory			RECRA		RECRA al Consultant: Civil & Environmental Consult	
		Sample Collector			Civil & Environmen	tal Consultant		
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag > CAL*		Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA							
		PRA Description							
		Sample Type							
		Sample Id	PAV-SS071-40001		PAV-SS072-40001		PAV-SS073-40001		
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5		
		Collected Date	te 09/09/98 09/09/98		09/09/98		09/09/98		
		Laboratory	RECRA		RECRA		RECRA		
		Sample Collector	nple Collector Civil & Environmental Consultant: Civil & Environmental Consultant: C				Civil & Environmen	tal Consultant	
		Result Units	MG/KG		MG/KG		MG/KG		
Ш	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
	BENZO(A)PYRENE	.087							
	BENZO(G,H,I)PERYLENE	2300							
	INDENO(1,2,3-CD)PYRENE	.87							
P/PCB	AROCLOR-1254	1	ND		ND		0.41 J		
	AROCLOR-1260	1	ND		ND		ND		
METAL	BARIUM, TOTAL	5500							
	BERYLLIUM, TOTAL	160							
	CADMIUM, TOTAL	39							
	CHROMIUM, TOTAL	230							
	LEAD, TOTAL	400							
	NICKEL, TOTAL	1600							
	SILVER, TOTAL	390							
	MERCURY, TOTAL	20							
	ARSENIC, TOTAL	.43							

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS074-40001		PAV-SS075-40001		PAV-SS076-40001 0 - 0.5 09/09/98 RECRA Civil & Environmental Consultant: MG/KG Result Flag > CAL*	
		Depth - ft bgs	0 - 0.5		0 - 0.5			
		Collected Date	09/09/98		09/09/98		09/09/98	
		Laboratory	RECRA REC		RECRA		RECRA	
		Sample Collector	PAV-SS074-40001 PAV-SS075-4 Pags 0 - 0.5 Pate 09/09/98 PAV-SS075-4 PAV-SS075-4 Pags 0 - 0.5 PAV-SS075-4 PAV-SS075	Civil & Environmen	Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG	MG/KG MG/KG N				
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS074-40001		PAV-SS075-40001		PAV-SS076-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/09/98		09/09/98		09/09/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	tal Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
-	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	0.20		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS077-40001		PAV-SS078-40001		PAV-SS079-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/09/98		09/09/98		09/09/98	
		Laboratory	RECRA RECRA		RECRA			
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	ntal Consultant	Civil & Environmen	ital Consultant
		Result Units	MG/KG MG/KG				MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						1

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS077-40001		PAV-SS078-40001		PAV-SS079-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/09/98		09/09/98		09/09/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units MG/KG MG/KG MG/KG						> CAL*
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		0.55	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA					1	
		PRA Description					800-GALLON FOR	MER USED OI
		Sample Type					Normal Sample	
		Sample Id	PAV-SS080-40001		PAV-SS084-40001		PAV-SB014-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 1	
		Collected Date	09/09/98		09/10/98		09/03/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	ntal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12					ND	
	TOLUENE	16000					ND	
	ETHYLBENZENE	7800					ND	
	XYLENE (TOTAL)	160000					ND	
	ACETONE	7800					ND	
	2-BUTANONE	47000					ND	
BNA	NAPHTHALENE	1600					ND	
	ACENAPHTHENE	4700					ND	
	FLUORENE	3100					ND	
	PHENANTHRENE	23000					ND	
	ANTHRACENE	23000					ND	
	FLUORANTHENE	3100					ND	
	PYRENE	2300					ND	
	BENZO(A)ANTHRACENE	.87					ND	
	BENZO(B)FLUORANTHENE	.87					ND	
	CHRYSENE	87					ND	
	BENZO(K)FLUORANTHENE	8.7					ND	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA					1	
		PRA Description					800-GALLON FOR	MER USED OI
		Sample Type					Normal Sample	
		Sample Id	PAV-SS080-40001		PAV-SS084-40001		PAV-SB014-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 1	
		Collected Date	09/09/98		09/10/98		09/03/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	ntal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087					ND	
	BENZO(G,H,I)PERYLENE	2300					ND	
	INDENO(1,2,3-CD)PYRENE	.87					ND	
P/PCB	AROCLOR-1254	1	0.77		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500					59.2	
	BERYLLIUM, TOTAL	160					ND	
	CADMIUM, TOTAL	39					ND	
	CHROMIUM, TOTAL	230					18.9	
	LEAD, TOTAL	400					ND	
	NICKEL, TOTAL	1600					22.0	
	SILVER, TOTAL	390					ND	
	MERCURY, TOTAL	20					ND	
	ARSENIC, TOTAL	.43					10.2 J-	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

PRA

		IKA					[~	
		PRA Description	IL AT				1260-GALLON GL	YCOL AT
		Sample Type					Normal Sample	
		Sample Id	PAV-SB014-70001		PAV-SB014-70002		PAV-SB015-40001	
		Depth - ft bgs	2 - 4		4 - 6		0 - 1	
		Collected Date	09/03/98		09/03/98		09/03/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultan	t: Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND			
	TOLUENE	16000	ND		ND			
	ETHYLBENZENE	7800	ND		ND			
	XYLENE (TOTAL)	160000	ND		ND			
	ACETONE	7800	ND		ND			
	2-BUTANONE	47000	ND		ND			
BNA	NAPHTHALENE	1600	ND		ND			
	ACENAPHTHENE	4700	ND		ND			
	FLUORENE	3100	ND		ND			
	PHENANTHRENE	23000	ND		ND			
	ANTHRACENE	23000	ND		ND			
	FLUORANTHENE	3100	ND		ND			
	PYRENE	2300	ND		ND			
	BENZO(A)ANTHRACENE	.87	ND		ND			
	BENZO(B)FLUORANTHENE	.87	ND		ND			
	CHRYSENE	87	ND		ND			
	BENZO(K)FLUORANTHENE	8.7	ND		ND			

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

2

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA					2	
		PRA Description	L AT				1260-GALLON GLY	COL AT
		Sample Type					Normal Sample	
		Sample Id	PAV-SB014-70001		PAV-SB014-70002		PAV-SB015-40001	
		Depth - ft bgs	2 - 4		4 - 6		0 - 1	
		Collected Date	09/03/98		09/03/98		09/03/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environment	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	_
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND			
	BENZO(G,H,I)PERYLENE	2300	ND		ND			
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND			
P/PCB	AROCLOR-1254	1	ND		ND			
	AROCLOR-1260	1	ND		ND			
METAL	BARIUM, TOTAL	5500	111		97.7			
	BERYLLIUM, TOTAL	160	ND		ND			
	CADMIUM, TOTAL	39	1.3		ND			
	CHROMIUM, TOTAL	230	20.6		17.9			
	LEAD, TOTAL	400	43.6		26.0			
	NICKEL, TOTAL	1600	33.4		34.9			
	SILVER, TOTAL	390	ND		ND			
	MERCURY, TOTAL	20	ND		ND			
	ARSENIC, TOTAL	.43	16.3 J-	X	21.5 J-	X	15.2 J-	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

PRA

3

							L	
		PRA Description	7000-GALLON GLY	YCOL AT			4000-GALLON GL	YCOL AT
		Sample Type	Normal Sample				Normal Sample	
		Sample Id	PAV-SB016-40001		PAV-SB016-70002		PAV-SB017-40001	
		Depth - ft bgs	0 - 1		4 - 6		0 - 1	
		Collected Date	09/03/98		09/03/98		09/03/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultan	t: Civil & Environmen	ntal Consultant	Civil & Environmen	ıtal Consultan
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						1
	BENZO(B)FLUORANTHENE	.87						1
	CHRYSENE	87						1
	BENZO(K)FLUORANTHENE	8.7		1				1

Notes:

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA	3				4	
		PRA Description	7000-GALLON GLY	COL AT			4000-GALLON GLY	COL AT
		Sample Type	Normal Sample				Normal Sample	
		Sample Id	PAV-SB016-40001		PAV-SB016-70002		PAV-SB017-40001	
		Depth - ft bgs	0 - 1		4 - 6		0 - 1	
		Collected Date	09/03/98		09/03/98		09/03/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	tal Consultan	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	_
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1						
	AROCLOR-1260	1						
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43	8.9 J-	X	12.6 J-	X	12.2 J-	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA					5	
		PRA Description					5000-GALLON FOI	RMER PIPELII
		Sample Type					Normal Sample	
		Sample Id	PAV-SB017-70001		PAV-SB017-70002		PAV-SU003-70001	
		Depth - ft bgs	2 - 4		4 - 6		5 - 6	
		Collected Date	09/03/98		09/03/98		09/02/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	tal Consultant	Civil & Environmen	ntal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12					ND	
	TOLUENE	16000					ND	
	ETHYLBENZENE	7800					ND	
	XYLENE (TOTAL)	160000					ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA					5		
		PRA Description					5000-GALLON FO	RMER PIPELII	
		Sample Type					Normal Sample		
		Sample Id	PAV-SB017-70001		PAV-SB017-70002		PAV-SU003-70001		
		Depth - ft bgs	2 - 4		4 - 6		5 - 6		
		Collected Date	09/03/98		09/03/98		09/02/98		
		Laboratory	RECRA		RECRA		RECRA		
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	Civil & Environmental Consultant		tal Consultant	
		Result Units	MG/KG		MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
	BENZO(A)PYRENE	.087							
	BENZO(G,H,I)PERYLENE	2300							
	INDENO(1,2,3-CD)PYRENE	.87							
P/PCB	AROCLOR-1254	1					ND		
	AROCLOR-1260	1					ND		
METAL	BARIUM, TOTAL	5500							
	BERYLLIUM, TOTAL	160							
	CADMIUM, TOTAL	39							
	CHROMIUM, TOTAL	230							
	LEAD, TOTAL	400							
	NICKEL, TOTAL	1600							
	SILVER, TOTAL	390							
	MERCURY, TOTAL	20							
	ARSENIC, TOTAL	.43	12.8 J-	X	12.3 J-	X			

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA			6			
		PRA Description	NE LIQUIDS AT		440-GALLON SCR	UBBER OIL A	TS	
		Sample Type			Normal Sample			
		Sample Id	PAV-SU004-70001		PAV-SB018-40001		PAV-SB018-70001	
		Depth - ft bgs	5 - 6		0 - 1		2.5 - 2.5	
		Collected Date	09/02/98		09/08/98		09/08/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	ntal Consultant	Civil & Environmen	ntal Consultan
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		0.010	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		0.027	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600					ND	
	ACENAPHTHENE	4700					ND	
	FLUORENE	3100					ND	
	PHENANTHRENE	23000					ND	
	ANTHRACENE	23000					ND	
	FLUORANTHENE	3100					ND	
	PYRENE	2300					ND	
	BENZO(A)ANTHRACENE	.87					ND	
	BENZO(B)FLUORANTHENE	.87					ND	
	CHRYSENE	87					ND	
	BENZO(K)FLUORANTHENE	8.7					ND	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA			6			
		PRA Description	NE LIQUIDS AT		440-GALLON SCRI	UBBER OIL A	TS	
		Sample Type			Normal Sample			
		Sample Id	PAV-SU004-70001		PAV-SB018-40001		PAV-SB018-70001	
		Depth - ft bgs	5 - 6		0 - 1		2.5 - 2.5	
		Collected Date	09/02/98		09/08/98		09/08/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	_
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087					ND	
	BENZO(G,H,I)PERYLENE	2300					ND	
	INDENO(1,2,3-CD)PYRENE	.87					ND	
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA					7	
		PRA Description					2000-GALLON FO	RMER PIPELI
		Sample Type					Normal Sample	
		Sample Id	PAV-SB019-40001		PAV-SB019-70001		PAV-SU005-70001	
		Depth - ft bgs	0 - 1		2.5 - 2.5		6 - 7	
		Collected Date	09/08/98		09/08/98		09/05/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmer	ntal Consultant	Civil & Environmer	ital Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		0.012		ND	
	TOLUENE	16000	0.012		0.014		ND	
	ETHYLBENZENE	7800	ND		0.041		0.016	
	XYLENE (TOTAL)	160000) ND		0.30		0.076	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600			0.50 J			
	ACENAPHTHENE	4700			ND			
	FLUORENE	3100			ND			
	PHENANTHRENE	23000			ND			
	ANTHRACENE	23000			ND			
	FLUORANTHENE	3100			ND			
	PYRENE	2300			ND			
	BENZO(A)ANTHRACENE	.87			ND			
	BENZO(B)FLUORANTHENE	.87	7		ND			
	CHRYSENE	87	,		ND			
	BENZO(K)FLUORANTHENE	8.7	,		ND			

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA					7	
		PRA Description					2000-GALLON FOI	RMER PIPELI
		Sample Type					Normal Sample	
		Sample Id	PAV-SB019-40001		PAV-SB019-70001		PAV-SU005-70001	
		Depth - ft bgs	0 - 1		2.5 - 2.5		6 - 7	
		Collected Date	09/08/98		09/08/98		09/05/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environment	ntal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	_
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	7		ND			
<u> </u>	BENZO(G,H,I)PERYLENE	2300)		ND			
	INDENO(1,2,3-CD)PYRENE	.87	7		ND			
P/PCB	AROCLOR-1254		l ND		ND		0.044	
	AROCLOR-1260		ND ND		ND		ND	
METAL	BARIUM, TOTAL	5500)					
	BERYLLIUM, TOTAL	160)					
	CADMIUM, TOTAL	39)					
	CHROMIUM, TOTAL	230)					
	LEAD, TOTAL	400)					
	NICKEL, TOTAL	1600)					
	SILVER, TOTAL	390)					
	MERCURY, TOTAL	20)					
	ARSENIC, TOTAL	.43	3					

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA	8					
		PRA Description	6000-GALLON PIPI	ELINE LIQUI	D UTS			
		Sample Type	Normal Sample					
		Sample Id	PAV-SU006-70001		PAV-SU007-70001		PAV-SU008-70001	
		Depth - ft bgs	11 - 12		11 - 12		11 - 12	
		Collected Date	09/10/98		09/10/98		09/10/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmer	tal Consultant	Civil & Environmen	ntal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		1.0 J	
	FLUORENE	3100	ND		ND		0.84	
	PHENANTHRENE	23000	ND		ND		6.1 J	
	ANTHRACENE	23000	ND		ND		1.9 J	
	FLUORANTHENE	3100	ND		ND		10 J	
	PYRENE	2300	ND		ND		7.3 J	
	BENZO(A)ANTHRACENE	.87	ND		ND		4.2 J	X
	BENZO(B)FLUORANTHENE	.87	ND		ND		4.8 J	X
	CHRYSENE	87	ND		ND		4.0 J	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		4.8 J	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA	8					
		PRA Description	6000-GALLON PIPE	ELINE LIQUI	ID UTS			
		Sample Type	Normal Sample					
		Sample Id	PAV-SU006-70001		PAV-SU007-70001		PAV-SU008-70001	
		Depth - ft bgs	11 - 12		11 - 12		11 - 12	
		Collected Date	09/10/98		09/10/98		09/10/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		2.6 J	X
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SU009-70001		PAV-SU010-70001		PAV-SU011-70001	
		Depth - ft bgs	11 - 12		11 - 12		11 - 12	
		Collected Date	09/10/98		09/10/98		09/10/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	ital Consultant:
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SU009-70001		PAV-SU010-70001		PAV-SU011-70001	
		Depth - ft bgs	11 - 12		11 - 12		11 - 12	
		Collected Date	09/10/98		09/10/98		09/10/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmer	ital Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	_
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

PRA

		PRA Description	FORMER BURN P	T			FORMER DISPOSA	AL AREA
		Sample Type	Normal Sample				Normal Sample	
		Sample Id	PAV-SS085-40001		PAV-SS086-40001		PAV-SB022-40001	
		Depth - ft bgs	0 - 1		0 - 1		0 - 1	
		Collected Date	09/11/98		09/11/98		09/15/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultan	t: Civil & Environmer	tal Consultant	Civil & Environmen	ıtal Consultan
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	1

Notes:

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA	9				10	
		PRA Description	FORMER BURN P	IT			FORMER DISPOSA	AL AREA
		Sample Type	Normal Sample				Normal Sample	
		Sample Id	PAV-SS085-40001		PAV-SS086-40001		PAV-SB022-40001	
		Depth - ft bgs	0 - 1		0 - 1		0 - 1	
		Collected Date	09/11/98		09/11/98		09/15/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	ital Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	0.64 J		5.3	X	ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	80.3		115		60.6 J+	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	ND		ND		13.1 J+	
	CHROMIUM, TOTAL	230	11.8		10.6		15.6 J+	
	LEAD, TOTAL	400	32.3		ND		ND	
	NICKEL, TOTAL	1600	ND		ND		24.5 J+	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	7.6 J	X	29.6 J	X	11.6 J+	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB022-70001		PAV-SB022-70002		PAV-SB023-40001	
		Depth - ft bgs	2 - 4		4 - 6		0 - 1	
		Collected Date	09/15/98		09/15/98		09/14/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	ntal Consultant	Civil & Environmen	ntal Consultant	Civil & Environmen	ntal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB022-70001		PAV-SB022-70002		PAV-SB023-40001	
		Depth - ft bgs	2 - 4		4 - 6		0 - 1	
		Collected Date	09/15/98		09/15/98		09/14/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant:
		Result Units	MG/KG		MG/KG		MG/KG	_
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	ND		ND		0.062	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	75.4 J+		65.8 J+		65.6 J+	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	14.4 J+		14.0 J+		14.1 J+	
	CHROMIUM, TOTAL	230	24.8 J+		18.6 J+		26.4 J+	
	LEAD, TOTAL	400	94.6 J+		ND		ND	
	NICKEL, TOTAL	1600	27.8 J+		25.5 J+		23.7 J+	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	20.0 J+	X	12.3 J+	X	12.1 J+	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB023-70002		PAV-SB024-40001		PAV-SB024-70001	
		Depth - ft bgs	4 - 6		0 - 1		4 - 6	
		Collected Date	09/14/98		09/14/98		09/14/98	
		Laboratory	RECRA	RECRA R			RECRA	
		Sample Collector	Civil & Environment	al Consultants	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB023-70002		PAV-SB024-40001		PAV-SB024-70001	
		Depth - ft bgs	4 - 6		0 - 1		4 - 6	
		Collected Date	09/14/98		09/14/98		09/14/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultan	t: Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	65.6 J+		76.9 J+		83.2 J+	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	15.2 J+		15.8 J+		14.3 J+	
	CHROMIUM, TOTAL	230	18.4 J+		18.7 J+		21.7 J+	
	LEAD, TOTAL	400	ND		ND		26.0 J+	
	NICKEL, TOTAL	1600	26.0 J+		26.4 J+		24.4 J+	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	13.9 J+	X	23.1 J+	X	12.6 J+	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB024-70002		PAV-SS087-40001		PAV-SS088-40001	
		Depth - ft bgs	9 - 10		0 - 1		0 - 1	
		Collected Date	09/14/98		09/15/98		09/15/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	ntal Consultant	Civil & Environmen	ntal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	1
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	1
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	1
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	1
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	1
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB024-70002		PAV-SS087-40001		PAV-SS088-40001	
		Depth - ft bgs	9 - 10		0 - 1		0 - 1	
		Collected Date	09/14/98		09/15/98		09/15/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	93.2 J+		140 J+		132 J+	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	11.1 J+		18.1 J+		16.3 J+	
	CHROMIUM, TOTAL	230	36.4 J+		25.4 J+		23.2 J+	
	LEAD, TOTAL	400	244 J+		505 J	X	30.3 J	
	NICKEL, TOTAL	1600	17.4 J+		32.2 J+		29.4 J+	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	0.29		ND		ND	
	ARSENIC, TOTAL	.43	8.9 J+	X	19.0 J+	X	11.9 J+	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS089-40001		PAV-SU013-70001		PAV-SU014-70001	
		Depth - ft bgs	0 - 1		3 - 4		2 - 4	
		Collected Date	09/15/98		09/11/98		09/11/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	ntal Consultant	Civil & Environmen	ntal Consultant	Civil & Environmen	ntal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS089-40001		PAV-SU013-70001		PAV-SU014-70001	
		Depth - ft bgs	0 - 1		3 - 4		2 - 4	
		Collected Date	09/15/98		09/11/98		09/11/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	_
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	ND		0.069		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	164 J+					
	BERYLLIUM, TOTAL	160	ND					
	CADMIUM, TOTAL	39	17.8 J+					
	CHROMIUM, TOTAL	230	27.9 J+					
	LEAD, TOTAL	400	49.2 J					
	NICKEL, TOTAL	1600	30.0 J+					
	SILVER, TOTAL	390	ND					
	MERCURY, TOTAL	20	ND					
	ARSENIC, TOTAL	.43	13.2 J+	X				

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA					11	
		PRA Description					SEPTIC SYSTEM I	DRAINFIELD
		Sample Type					Normal Sample	
		Sample Id	PAV-SU015-70001		PAV-SU016-70001		PAV-SU001-70001	
		Depth - ft bgs	2 - 4		6 - 8		4 - 6	
		Collected Date	09/11/98		09/11/98		08/26/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmer	ntal Consultant	Civil & Environmer	ntal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND			
	2-BUTANONE	47000	ND		ND			
BNA	NAPHTHALENE	1600	ND		ND			
	ACENAPHTHENE	4700	ND		ND			
	FLUORENE	3100	ND		ND			
	PHENANTHRENE	23000	ND		ND			
	ANTHRACENE	23000	ND		ND			
	FLUORANTHENE	3100	ND		ND			
	PYRENE	2300	ND		ND			
	BENZO(A)ANTHRACENE	.87	ND		ND			
	BENZO(B)FLUORANTHENE	.87	ND		ND			
	CHRYSENE	87	ND		ND			
	BENZO(K)FLUORANTHENE	8.7	ND		ND			

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA					11	
		PRA Description					SEPTIC SYSTEM I	RAINFIELD
		Sample Type					Normal Sample	
		Sample Id	PAV-SU015-70001		PAV-SU016-70001		PAV-SU001-70001	
		Depth - ft bgs	2 - 4		6 - 8		4 - 6	
		Collected Date	09/11/98		09/11/98		08/26/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG Result Flag > CAL*	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND			
	BENZO(G,H,I)PERYLENE	2300	ND		ND			
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND			
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA			12			
		PRA Description			FORMER COOLIN	IG POND		
		Sample Type			Normal Sample			
		Sample Id	PAV-SU002-70001		PAV-SB025-40001		PAV-SB025-70001	
		Depth - ft bgs	4 - 6		0 - 1		2 - 4	
		Collected Date	08/26/98		09/01/98		09/01/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultan	t: Civil & Environmer	tal Consultant	Civil & Environmen	ital Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	0.031		ND		ND	
	ACETONE	7800			ND		ND	
	2-BUTANONE	47000			ND		ND	
BNA	NAPHTHALENE	1600			ND		ND	
	ACENAPHTHENE	4700			ND		ND	
	FLUORENE	3100			ND		ND	
	PHENANTHRENE	23000			ND		ND	
	ANTHRACENE	23000			ND		ND	
	FLUORANTHENE	3100			ND		ND	
	PYRENE	2300			ND		ND	
	BENZO(A)ANTHRACENE	.87			ND		ND	
	BENZO(B)FLUORANTHENE	.87			ND		ND	
	CHRYSENE	87			ND		ND	
	BENZO(K)FLUORANTHENE	8.7			ND		ND	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA			12			
		PRA Description			FORMER COOLIN	G POND		
		Sample Type			Normal Sample			
		Sample Id	PAV-SU002-70001		PAV-SB025-40001		PAV-SB025-70001	
		Depth - ft bgs	4 - 6		0 - 1		2 - 4	
		Collected Date	08/26/98		09/01/98		09/01/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	tal Consultan	civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087			ND		ND	
	BENZO(G,H,I)PERYLENE	2300			ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87			ND		ND	
P/PCB	AROCLOR-1254	1	ND					
	AROCLOR-1260	1	ND					
METAL	BARIUM, TOTAL	5500			133		75.1	
	BERYLLIUM, TOTAL	160			ND		1.1	
	CADMIUM, TOTAL	39			13.3		22.9	
	CHROMIUM, TOTAL	230			17.0		12.1	
	LEAD, TOTAL	400			ND		36.7	
	NICKEL, TOTAL	1600			20.3		17.2	
	SILVER, TOTAL	390			ND		ND	
	MERCURY, TOTAL	20			ND		ND	
	ARSENIC, TOTAL	.43			12.6	X	58.7	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		DD A D						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB026-40001		PAV-SB026-70001		PAV-SB026-70002	
		Depth - ft bgs	0 - 1		2 - 4		1 - 6 09/01/98 RECRA Civil & Environmental Cons MG/KG	
		Collected Date	09/01/98		09/01/98		09/01/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Type e Id PAV-SB026-40001 ft bgs 0 - 1 l Date 09/01/98 tory RECRA bllector Civil & Environmental Consults Units MG/KG	al Consultant	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant
		Result Units	its MG/KG MG/KG		MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	FOLUENE	16000	ND		ND		ND	
I	ETHYLBENZENE	7800	ND		ND		ND	
]	XYLENE (TOTAL)	160000	ND		ND		ND	
I I	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
I I	ACENAPHTHENE	4700	ND		ND		ND	
I	FLUORENE	3100	ND		ND		ND	
I	PHENANTHRENE	23000	ND		ND		ND	
I I	ANTHRACENE	23000	ND		ND		ND	
II II	FLUORANTHENE	3100	ND		ND		ND	
I	PYRENE	2300	ND		ND		ND	
I	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
I	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
1	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB026-40001		PAV-SB026-70001		PAV-SB026-70002	
		Depth - ft bgs	0 - 1		2 - 4		4 - 6	
		Collected Date	09/01/98		09/01/98		09/01/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant:
		Result Units	MG/KG		MG/KG		MG/KG	_
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	86.2		82.8		53.2	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	15.8		14.8		15.9	
	CHROMIUM, TOTAL	230	20.3		18.2		13.4	
	LEAD, TOTAL	400	ND		26.8		ND	
	NICKEL, TOTAL	1600	28.6		29.9		29.8	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	15.6	X	12.4	X	16.6	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB026-70003		PAV-SB027-40001		PAV-SB027-70001	
		Depth - ft bgs	9 - 11		0 - 1		2 - 4 09/01/98 RECRA civil & Environmental Comg/KG Result Flag > ND ND ND ND ND ND ND ND ND N	
		Collected Date	09/01/98		09/01/98		09/01/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Type	al Consultants	Civil & Environment	tal Consultant	Civil & Environmen	tal Consultant	
		Result Units	s MG/KG MG/KG		MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB026-70003		PAV-SB027-40001		PAV-SB027-70001	
		Depth - ft bgs	9 - 11		0 - 1		2 - 4	
		Collected Date	09/01/98		09/01/98		09/01/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	84.5		101		86.4	
	BERYLLIUM, TOTAL	160	ND		1.3		ND	
	CADMIUM, TOTAL	39	15.8		17.1		17.4	
	CHROMIUM, TOTAL	230	16.2		20.0		16.8	
	LEAD, TOTAL	400	ND		23.0		ND	
	NICKEL, TOTAL	1600	25.2		31.7		33.8	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	14.0	X	20.0	X	17.2	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB027-70002		PAV-SB027-70003		PAV-SB027-70004	
		Depth - ft bgs	4 - 6		9 - 11		14 - 16	
		Collected Date	09/01/98		09/01/98		09/01/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultants	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB027-70002		PAV-SB027-70003		PAV-SB027-70004	
		Depth - ft bgs	4 - 6		9 - 11		14 - 16	
		Collected Date	09/01/98		09/01/98		09/01/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units MG/KG MG/KG				MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
L L	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	71.0		84.8		102	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	15.6		13.5		20.6	
	CHROMIUM, TOTAL	230	17.1		16.8		17.0	
	LEAD, TOTAL	400	ND		ND		ND	
	NICKEL, TOTAL	1600	25.4		19.9		35.7	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	14.8	X	10.1	X	30.3	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		DD A D						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB028-40001		PAV-SB028-70001		PAV-SB028-70002	
		Depth - ft bgs	0 - 1		2 - 4		4 - 6 09/02/98 RECRA	
		Collected Date	09/02/98		09/02/98		09/02/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Id	Civil & Environment	Environmental Consultant: Civil & Environmenta		al Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG MG/KG M Result Flag > CAL* Result Flag > CAL*		MG/KG			
Category	Analyte	Action Level			Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	FOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB028-40001		PAV-SB028-70001		PAV-SB028-70002	
		Depth - ft bgs	0 - 1		2 - 4		4 - 6	
		Collected Date	09/02/98		09/02/98		09/02/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units MG/KG MG/KG				MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	67.5		98.3		117	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	ND		ND		ND	
	CHROMIUM, TOTAL	230	12.0		17.8		21.8	
	LEAD, TOTAL	400	ND		ND		ND	
	NICKEL, TOTAL	1600	23.7		31.9		35.6	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	14.2	X	10.1	X	15.7	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB028-70003		PAV-SB029-40001		PAV-SB029-70001	
		Depth - ft bgs	9 - 11		0 - 1		2 - 4	
		Collected Date	09/02/98		09/02/98		09/02/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	tal Consultant	Civil & Environmen	tal Consultant	Civil & Environmer	ntal Consultant
		Result Units	ts MG/KG MG/KG		MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		0.62	
	FLUORANTHENE	3100	ND		ND		1.9	
	PYRENE	2300	ND		ND		2.1	
	BENZO(A)ANTHRACENE	.87	ND		ND		0.90	X
	BENZO(B)FLUORANTHENE	.87	ND		ND		1.0	X
	CHRYSENE	87	ND		ND		0.86	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		1.0	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB028-70003		PAV-SB029-40001		PAV-SB029-70001	
		Depth - ft bgs	9 - 11		0 - 1		2 - 4	
		Collected Date	09/02/98		09/02/98		09/02/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant:
		Result Units	nits MG/KG MG/KG M			MG/KG	_	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		0.68	X
L	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	91.1		102		104	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	ND		ND		ND	
	CHROMIUM, TOTAL	230	17.3		52.5		15.8	
	LEAD, TOTAL	400	ND		117		ND	
	NICKEL, TOTAL	1600	25.3		188		38.4	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	6.4	X	36.3	X	14.4	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

PRA

13

		PRA Description			FORMER SKIMM	ER BASIN BU	RN PIT	
		Sample Type			Field Duplicate (Re	p)	Normal Sample	
		Sample Id	PAV-SB029-70002		PAV-SB062-71002		PAV-SB001-40001	
		Depth - ft bgs	4 - 6		4 - 6		0 - 1	
		Collected Date	09/02/98		08/27/98		08/27/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultan	t: Civil & Environmen	ntal Consultant	Civil & Environmen	tal Consultan
		Result Units	MG/KG		MG/KG		t: Civil & Environmental Consultant MG/KG Result Flag > CAL* ND ND ND ND ND ND ND ND ND N	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		2.3	
	ANTHRACENE	23000	ND		ND		0.82	
	FLUORANTHENE	3100	ND		ND		4.2	
	PYRENE	2300	ND		ND		3.7	
	BENZO(A)ANTHRACENE	.87	ND		ND		2.8	X
	BENZO(B)FLUORANTHENE	.87	ND		ND		4.2	X
	CHRYSENE	87	ND		ND		2.1	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		0.43	1

Notes:

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA			13			
		PRA Description			FORMER SKIMME	R BASIN BUI	RN PIT	
		Sample Type			Field Duplicate (Rep)	Normal Sample	
		Sample Id	PAV-SB029-70002		PAV-SB062-71002		PAV-SB001-40001	
		Depth - ft bgs	4 - 6		4 - 6		0 - 1	
		Collected Date	09/02/98		08/27/98		08/27/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	tal Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	_
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		2.7	X
	BENZO(G,H,I)PERYLENE	2300	ND		ND		1.4	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		1.7	X
P/PCB	AROCLOR-1254	1	ND				0.30 J	
	AROCLOR-1260	1	ND				ND	
METAL	BARIUM, TOTAL	5500	91.0		227 J-		65.3 J-	
	BERYLLIUM, TOTAL	160	ND		4.8 J		ND	
	CADMIUM, TOTAL	39	1.2		15.9 J-		14.9 J-	
	CHROMIUM, TOTAL	230	15.1		25.1 J-		17.0 J-	
	LEAD, TOTAL	400	ND		28.6 J-		71.3 J-	
	NICKEL, TOTAL	1600	21.5		22.2 J-		23.6 J-	
	SILVER, TOTAL	390	ND		4.0 J-		ND	
	MERCURY, TOTAL	20	ND		2.1 J		ND	
	ARSENIC, TOTAL	.43	8.9	X	11.3 J-	X	14.4 J-	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB001-70001		PAV-SB001-70002		PAV-SB002-40001	
		Depth - ft bgs	1.5 - 3.5		4 - 6		0 - 1 08/28/98 RECRA ultant: Civil & Environmental Consul	
		Collected Date	08/27/98		08/27/98		08/28/98	
		Laboratory	RECRA		4 - 6 08/27/98 RECRA	RECRA		
		Sample Collector	Sample Type Sample Id PAV-SB001-70001 Depth - ft bgs 1.5 - 3.5 Collected Date 08/27/98 Laboratory RECRA ample Collector Civil & Environmental Consultant Result Units MG/KG Action Level Result Flag > CAL* 12		Civil & Environmen	tal Consultant	Civil & Environmental Consultant	
		Result Units	t Units MG/KG MG/KG		MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		0.16		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		1.1 J		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		0.49 J		ND	
	PYRENE	2300	ND		0.57 J		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		1.1 J		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB001-70001		PAV-SB001-70002		PAV-SB002-40001	
		Depth - ft bgs	1.5 - 3.5		4 - 6		0 - 1	
		Collected Date	08/27/98		08/27/98		08/28/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	ntal Consultants	Civil & Environmen	ntal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	7 ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300) ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	7 ND		ND		ND	
P/PCB	AROCLOR-1254	Ī	1 ND		ND		ND	
	AROCLOR-1260	Ī	1 ND		ND		ND	
METAL	BARIUM, TOTAL	5500	59.4 J-		43.3 J-		89.9	
	BERYLLIUM, TOTAL	160) ND		ND		ND	
	CADMIUM, TOTAL	39	9 12.6 J-		25.2 J-		ND	
	CHROMIUM, TOTAL	230) 15.5 J-		15.2 J-		14.0	
	LEAD, TOTAL	400) ND		ND		24.6	
	NICKEL, TOTAL	1600) 19.1 J-		20.4 J-		20.0	
	SILVER, TOTAL	390) ND		ND		ND	
	MERCURY, TOTAL	20) ND		ND		ND	
	ARSENIC, TOTAL	.43	3 15.1 J-	X	18.8 J-	X	8.9	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB002-70001		PAV-SB002-70002		PAV-SB003-40001	
		Depth - ft bgs	1.5 - 3.5		4 - 6		0 - 1 08/28/98 RECRA Itant: Civil & Environmental Cor	
		Collected Date	08/28/98		08/28/98		08/28/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector Civil & Envir Result Units MG/KG e	Civil & Environment	al Consultant	Civil & Environmental Consultant		Civil & Environmental Consultanta	
		Result Units	MG/KG MG/KG M Result Flag > CAL* Result Flag > CAL*		MG/KG			
Category	Analyte	Action Level			Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB002-70001		PAV-SB002-70002		PAV-SB003-40001	
		Depth - ft bgs	1.5 - 3.5		4 - 6		0 - 1	
		Collected Date	08/28/98		08/28/98		08/28/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant:
		Result Units	ult Units MG/KG MG/KG				MG/KG	_
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	94.0		110		119	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	ND		ND		1.2	
	CHROMIUM, TOTAL	230	17.4		25.1		14.6	
	LEAD, TOTAL	400	ND		ND		ND	
	NICKEL, TOTAL	1600	22.9		66.7		22.8	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	9.1	X	9.4	X	11.9	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB003-70001		PAV-SB003-70002		PAV-SB004-40001	
		Depth - ft bgs	1.5 - 3.5		4 - 6		0 - 1 08/28/98 RECRA ant: Civil & Environmental Cons MG/KG Result Flag > CA ND ND ND ND ND ND ND ND ND N	
		Collected Date	08/28/98		08/28/98		08/28/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant	Civil & Environmer	ital Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	0.45 J		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	0.90 J		ND		0.78 J	
	PYRENE	2300	0.55 J		ND		0.51 J	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	0.67 J		ND		0.52 J	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB003-70001		PAV-SB003-70002		PAV-SB004-40001	
		Depth - ft bgs	1.5 - 3.5		4 - 6		0 - 1	
		Collected Date	08/28/98		08/28/98		08/28/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	nits MG/KG MG/KG M				MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
<u> </u>	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	0.56		1.1 J	X	0.052	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	77.9		104		87.7	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	ND		ND		1.2	
	CHROMIUM, TOTAL	230	15.6		15.5		102	
	LEAD, TOTAL	400	50.3		26.0		42.2	
	NICKEL, TOTAL	1600	24.2		23.7		23.3	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		0.39	
	ARSENIC, TOTAL	.43	15.2	X	18.1	X	14.6	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

	PRA						
	PRA Description						
	Sample Type						
	Sample Id	PAV-SB004-70001		PAV-SB004-70002		08/28/98 RECRA Civil & Environmental Consultant: MG/KG Result Flag > CAL* ND ND ND ND	
	Depth - ft bgs	1.5 - 3.5		4 - 6		9 - 10	
	Collected Date	08/28/98		08/28/98		08/28/98	
	Laboratory	RECRA		RECRA		RECRA	
	Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	9 - 10 08/28/98 RECRA ental Consultant: Civil & Er MG/KG > CAL* Resul	Civil & Environmen	ital Consultant:
	Result Units	Units MG/KG MG/KG		MG/KG			
Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
BENZENE	12	ND		ND		ND	
TOLUENE	16000	ND		ND		ND	
ETHYLBENZENE	7800	ND		ND		ND	
XYLENE (TOTAL)	160000	ND		ND		ND	
ACETONE	7800	ND		ND		ND	
2-BUTANONE	47000	ND		ND		ND	
NAPHTHALENE	1600	ND		ND		ND	
ACENAPHTHENE	4700	ND		ND		ND	
FLUORENE	3100	ND		ND		ND	
PHENANTHRENE	23000	ND		ND		ND	
ANTHRACENE	23000	ND		ND		ND	
FLUORANTHENE	3100	0.48 J		ND		ND	
PYRENE	2300	ND		ND		ND	
BENZO(A)ANTHRACENE	.87	ND		ND		ND	
BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
CHRYSENE	87	ND		ND		ND	
BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	
	BENZENE TOLUENE ETHYLBENZENE XYLENE (TOTAL) ACETONE 2-BUTANONE NAPHTHALENE ACENAPHTHENE FLUORENE PHENANTHRENE ANTHRACENE FLUORANTHENE PYRENE BENZO(A)ANTHRACENE BENZO(B)FLUORANTHENE CHRYSENE	PRA Description Sample Type Sample Id Depth - ft bgs Collected Date Laboratory Sample Collector Result Units	PRA Description Sample Type	PRA Description	PRA Description Sample Type	PRA Description	PRA Description Sample Type Sample Id PAV-SB004-70001 PAV-SB004-70002 PAV-SB004-70003 Depth-ft bgs 1.5 - 3.5 4 - 6 9 - 10 PAV-SB004-70003 PAV-SB004-70004 PAV-SB004-70

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB004-70001		PAV-SB004-70002		PAV-SB004-70003	
		Depth - ft bgs	1.5 - 3.5		4 - 6		9 - 10	
		Collected Date	08/28/98		08/28/98		08/28/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant:
		Result Units	MG/KG MG/KG M			MG/KG	_	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
L	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	112		138		161	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	ND		ND		15.8	
	CHROMIUM, TOTAL	230	16.2		15.6		15.6	
	LEAD, TOTAL	400	33.5		ND		ND	
	NICKEL, TOTAL	1600	23.2		21.2		22.4	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	7.7	X	9.0	X	9.4	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

PRA Description Sample Type			PRA							
Sample Id			PRA Description							
Depth - ft bgs			Sample Type							
Collected Date 08/26/98 08/26/98 08/26/98 08/26/98 14-20			Sample Id	PAV-SB005-40001		PAV-SB005-70001		PAV-SB005-70002		
Laboratory Sample Collector Sample Collector Sample Collector Civil & Environmental Consultant Civil & Enviro			Depth - ft bgs	0 - 1		1.5 - 3.5		4 - 6 08/26/98 RECRA Civil & Environmental Consul MG/KG Result Flag > CAI ND		
Sample Collector Civil & Environmental Consultant Civil & Environmental Consultant Civil & Environmental Consultant Result Units MG/KG MG/KG MG/KG MG/KG			Collected Date	08/26/98		08/26/98		RECRA		
Result Units MG/KG MG/KG MG/KG			Laboratory	RECRA		RECRA				
Category			Sample Collector	Civil & Environment	al Consultants	Civil & Environmen	tal Consultant			
VOA			Result Units			MG/KG		MG/KG		
TOLUENE	Category	Analyte	Action Level			Result Flag	> CAL*	Result Flag	> CAL*	
ETHYLBENZENE 7800 ND	VOA	BENZENE	12	ND		ND		ND		
XYLENE (TOTAL) 160000 ND ND ND ND ACETONE 7800 ND ND ND ND 2-BUTANONE 47000 ND ND ND ND BNA		TOLUENE	16000	ND		ND		ND		
ACETONE 7800 ND		ETHYLBENZENE	7800	ND		ND		ND		
2-BUTANONE		XYLENE (TOTAL)	160000	ND		ND		ND		
NAPHTHALENE		ACETONE	7800	ND		ND		ND		
ACENAPHTHENE		2-BUTANONE	47000	ND		ND		ND		
FLUORENE 3100 ND ND ND ND PHENANTHRENE 23000 0.51 J ND ND ND ANTHRACENE 23000 ND ND ND ND FLUORANTHENE 3100 0.89 J ND ND ND PYRENE 2300 0.66 J ND ND ND BENZO(A)ANTHRACENE .87 0.46 J ND ND ND	BNA	NAPHTHALENE	1600	ND		ND		ND		
PHENANTHRENE 23000 0.51 J ND ND ANTHRACENE 23000 ND ND ND FLUORANTHENE 3100 0.89 J ND ND PYRENE 2300 0.66 J ND ND BENZO(A)ANTHRACENE .87 0.46 J ND ND		ACENAPHTHENE	4700	ND		ND		ND		
ANTHRACENE 23000 ND ND ND ND ND ND ND ND ND N		FLUORENE	3100	ND		ND		ND		
FLUORANTHENE 3100 0.89 J ND ND PYRENE 2300 0.66 J ND ND BENZO(A)ANTHRACENE .87 0.46 J ND ND		PHENANTHRENE	23000	0.51 J		ND		ND		
PYRENE 2300 0.66 J ND ND BENZO(A)ANTHRACENE .87 0.46 J ND ND		ANTHRACENE	23000	ND		ND		ND		
BENZO(A)ANTHRACENE .87 0.46 J ND ND		FLUORANTHENE	3100	0.89 J		ND		ND		
		PYRENE	2300	0.66 J		ND		ND		
BENZO(B)FLUORANTHENE .87 0.84 J ND ND		BENZO(A)ANTHRACENE	.87	0.46 J		ND		ND		
		BENZO(B)FLUORANTHENE	.87	0.84 J		ND		ND		
CHRYSENE 87 0.39 J ND ND		CHRYSENE	87	0.39 J		ND		ND		
BENZO(K)FLUORANTHENE 8.7 ND ND ND		BENZO(K)FLUORANTHENE	8.7	ND		ND		ND		

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB005-40001		PAV-SB005-70001		PAV-SB005-70002	
		Depth - ft bgs	0 - 1		1.5 - 3.5		4 - 6	
		Collected Date	08/26/98		08/26/98		08/26/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	tal Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	0.50 J	X	ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	0.13 J-		ND		0.41 J-	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	73.8 J-		88.6 J-		76.7 J-	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	19.1 J-		15.7 J-		14.7 J-	
	CHROMIUM, TOTAL	230	249 J-	X	19.7 J-		19.1 J-	
	LEAD, TOTAL	400	28.7 J-		ND		ND	
	NICKEL, TOTAL	1600	34.8 J-		30.0 J-		24.5 J-	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	17.8 J-	X	13.9 J-	X	13.1 J-	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB005-70003		PAV-SB006-40001		PAV-SB006-70001	
		Depth - ft bgs	9 - 11		0 - 1		1.5 - 3.5 08/26/98 RECRA Civil & Environmental Consu	
		Collected Date	08/26/98		08/26/98		08/26/98	
		Laboratory	RECRA		RECRA		RECRA : Civil & Environmental Consultant:	
		Sample Collector	Civil & Environment	al Consultants	Civil & Environmen	tal Consultant		
		Result Units	MG/KG MG/KG M Result Flag > CAL* Result Flag > CAL*		MG/KG			
Category	Analyte	Action Level			Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		0.12 R		0.12 R	
	2-BUTANONE	47000	ND		0.12 R		0.12 R	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		0.51 J		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB005-70003		PAV-SB006-40001		PAV-SB006-70001	
		Depth - ft bgs	9 - 11		0 - 1		1.5 - 3.5	
		Collected Date	08/26/98		08/26/98		08/26/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units					MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
L L	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	0.29 J-					
	AROCLOR-1260	1	ND					
METAL	BARIUM, TOTAL	5500	239 J-		81.4 J		77.9 J	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	19.1 J-		16.0 J		16.7 J	
	CHROMIUM, TOTAL	230	20.0 J-		18.7 J		18.9 J	
	LEAD, TOTAL	400	ND		67.0 J		ND	
	NICKEL, TOTAL	1600	26.0 J-		23.1 J		24.3 J	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	15.4 J-	X	14.6 J	X	16.0 J	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB006-70002		PAV-SB006-70003		PAV-SB007-40001	
		Depth - ft bgs	4 - 6		9 - 11		0 - 1	
		Collected Date	08/26/98		08/26/98		08/26/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG MG/KG		MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	0.12 R		0.13 R		0.11 R	
	2-BUTANONE	47000	0.12 R		0.13 R		0.11 R	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		0.41	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB006-70002		PAV-SB006-70003		PAV-SB007-40001	
		Depth - ft bgs	4 - 6		9 - 11		0 - 1	
		Collected Date	08/26/98		08/26/98		08/26/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG MG/KG				MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
L L	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1						
	AROCLOR-1260	1						
METAL	BARIUM, TOTAL	5500	66.1 J		130 J		71.6 J	
	BERYLLIUM, TOTAL	160	ND		1.7 J		ND	
	CADMIUM, TOTAL	39	11.5 J		14.5 J		15.6 J	
	CHROMIUM, TOTAL	230	10.9 J		18.4 J		33.9 J	
	LEAD, TOTAL	400	68.1 J		ND		31.2 J	
	NICKEL, TOTAL	1600	21.7 J		23.6 J		27.2 Ј	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	8.4 J	X	8.0 J	X	15.7 J	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB007-70001		PAV-SB007-70002		PAV-SB008-40001	
		Depth - ft bgs	1.5 - 3.5		4 - 6		0 - 1	
		Collected Date	08/26/98		08/26/98		08/26/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	ts MG/KG MG/KG		MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		0.11 R	
	2-BUTANONE	47000	ND		ND		0.11 R	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		0.60 J		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		0.88 J		0.50 J	
	PYRENE	2300	ND		0.73 J		0.40 J	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		0.63 J		ND	
	CHRYSENE	87	ND		0.44 J		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB007-70001		PAV-SB007-70002		PAV-SB008-40001	
		Depth - ft bgs	1.5 - 3.5		4 - 6		0 - 1	
		Collected Date	08/26/98		08/26/98		08/26/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environment	tal Consultant	Civil & Environmen	tal Consultant
		Result Units					MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
<u> </u>	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1						
	AROCLOR-1260	1						
METAL	BARIUM, TOTAL	5500	77.5		104		138 J	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	15.8		18.4		18.4 J	
	CHROMIUM, TOTAL	230	17.3		25.5		23.0 J	
	LEAD, TOTAL	400	25.2		50.8		56.3 J	
	NICKEL, TOTAL	1600	25.0		34.2		29.5 J	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	14.4	X	16.1	X	20.5 J	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB008-70001		PAV-SB008-70002		PAV-SB009-40001	
		Depth - ft bgs	1.5 - 3.5		4 - 6		0 - 1	
		Collected Date	08/26/98		08/26/98		08/27/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant	Civil & Environmental Consultant	
		Result Units	ts MG/KG MG/KG		MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		0.89 J	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		1.5 J	
	PYRENE	2300	ND		ND		0.89 J	
	BENZO(A)ANTHRACENE	.87	ND		ND		0.43 J	
	BENZO(B)FLUORANTHENE	.87	ND		ND		0.64 J	
	CHRYSENE	87	ND		0.84 J		0.40 J	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB008-70001		PAV-SB008-70002		PAV-SB009-40001	
		Depth - ft bgs	1.5 - 3.5		4 - 6		0 - 1	
		Collected Date	08/26/98		08/26/98		08/27/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units MG/KG MG/KG				MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1						
	AROCLOR-1260	1						
METAL	BARIUM, TOTAL	5500	83.5		83.8		76.2	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	15.7		14.0		ND	
	CHROMIUM, TOTAL	230	18.3		18.8		18.8	
	LEAD, TOTAL	400	ND		31.9		26.3	
	NICKEL, TOTAL	1600	28.0		23.4		28.1	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		0.32		ND	
	ARSENIC, TOTAL	.43	13.8	X	12.1	X	14.6	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB009-70001		PAV-SB009-70002		PAV-SB010-40001	
		Depth - ft bgs	1.5 - 3.5		4 - 6		0 - 1	
		Collected Date	08/27/98		08/27/98		0 - 1 08/28/98 RECRA ant Civil & Environmental Co	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	Units MG/KG MG/KG		MG/KG			
Category	Analyte	Action Level	Result Flag > CAL*		Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	0.27		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	1.2 J		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB009-70001		PAV-SB009-70002		PAV-SB010-40001	
		Depth - ft bgs	1.5 - 3.5		4 - 6		0 - 1	
		Collected Date	08/27/98		08/27/98		08/28/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units MG/KG MG/KG N				MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1						
	AROCLOR-1260	1						
METAL	BARIUM, TOTAL	5500	116		117		79.6	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	ND		ND		ND	
	CHROMIUM, TOTAL	230	16.2		15.3		24.5	
	LEAD, TOTAL	400	ND		ND		31.0	
	NICKEL, TOTAL	1600	23.5		20.1		26.4	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	6.1	X	5.3	X	12.3	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB010-70001		PAV-SB010-70002		PAV-SB010-70003	
		Depth - ft bgs	1.5 - 3.5		4 - 6		9 - 10	
		Collected Date	08/28/98		08/28/98 RECRA		08/28/98	
		Laboratory	RECRA				RECRA	
		Sample Collector	Civil & Environmental Consultant: Civil MG/KG MG/K		Civil & Environmental Consultant		Civil & Environmental Consultant:	
		Result Units			MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag > CAL*		Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	0.28		0.15		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	1.4 J		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	0.78 J		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	2.0 J		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB010-70001		PAV-SB010-70002		PAV-SB010-70003	
		Depth - ft bgs	1.5 - 3.5		4 - 6		9 - 10	
		Collected Date	08/28/98		08/28/98		08/28/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	Result Units MG/KG MG/KG M				MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
L L	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1						
	AROCLOR-1260	1						
METAL	BARIUM, TOTAL	5500	128		116		250	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	16.6		ND		ND	
	CHROMIUM, TOTAL	230	18.5		14.7		20.4	
	LEAD, TOTAL	400	78.6		ND		ND	
	NICKEL, TOTAL	1600	30.9		21.2		29.0	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	0.50		ND		ND	
	ARSENIC, TOTAL	.43	16.6	X	6.2	X	6.9	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB062-40001		PAV-SB062-70001		PAV-SB062-70002	
		Depth - ft bgs	0 - 1		1.5 - 3.5	- 3.5		
		Collected Date	08/27/98		08/27/98		08/27/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	RECRA Civil & Environmental Const MG/KG Result Flag > CA ND ND ND ND ND ND ND N	tal Consultant	Civil & Environmen	tal Consultant	Civil & Environmental Consultant	
		Result Units	Result Units MG/KG MG/KG		MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB062-40001		PAV-SB062-70001		PAV-SB062-70002	
		Depth - ft bgs	0 - 1		1.5 - 3.5		4 - 6	
		Collected Date	08/27/98		08/27/98		08/27/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environment	tal Consultant	Civil & Environmen	tal Consultant:
		Result Units MG/KG MG/KG M				MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1						
	AROCLOR-1260	1						
METAL	BARIUM, TOTAL	5500	112 J-		49.3 J-		147 J-	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	26.2 J-		14.5 J-		12.9 J-	
	CHROMIUM, TOTAL	230	19.5 J-		14.8 J-		19.6 J-	
	LEAD, TOTAL	400	83.8 J-		ND		34.9 J-	
	NICKEL, TOTAL	1600	27.6 J-		20.0 J-		20.4 J-	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		1.2 J	
	ARSENIC, TOTAL	.43	14.2 J-	X	14.6 J-	X	9.2 J-	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA			14			
		PRA Description			POND			
		Sample Type			Field Duplicate (Rep	p)	Normal Sample	
		Sample Id	PAV-SB062-70003		PAV-SD010-31001		PAV-SD003-30001	
		Depth - ft bgs	9 - 11		0 - 1		0 - 1	
		Collected Date	08/27/98		09/03/98		09/03/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultant: C		Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG	G/KG MG/KG			MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	1.3 J		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	2.9 J		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA			14			
		PRA Description			POND			
		Sample Type			Field Duplicate (Re	p)	Normal Sample	
		Sample Id	PAV-SB062-70003		PAV-SD010-31001		PAV-SD003-30001	
		Depth - ft bgs	9 - 11		0 - 1		0 - 1	
		Collected Date	08/27/98		09/03/98		09/03/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultants	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	7 ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	7 ND		ND		ND	
P/PCB	AROCLOR-1254	1			0.14 J		0.30 J	
	AROCLOR-1260	1			ND		ND	
METAL	BARIUM, TOTAL	5500	125		37.1 J		94.6 J	
	BERYLLIUM, TOTAL	160) ND		ND		ND	
	CADMIUM, TOTAL	39	11.3		ND		ND	
	CHROMIUM, TOTAL	230	13.0		ND		20.0 J	
	LEAD, TOTAL	400	61.0		ND		ND	
	NICKEL, TOTAL	1600	28.6		ND		35.5 J	
	SILVER, TOTAL	390) ND		6.6 R		ND	
	MERCURY, TOTAL	20) ND		ND		ND	
	ARSENIC, TOTAL	.43	14.4	X	4.3 J	X	16.9 J	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SD004-30001		PAV-SD005-30001		PAV-SD006-30001	
		Depth - ft bgs	0 - 1		0 - 1		0 - 1	
		Collected Date	09/03/98		09/03/98		09/03/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environment	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG MG/KG M		MG/KG			
Category	Analyte	Action Level	Result Flag > CAL*		Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SD004-30001		PAV-SD005-30001		PAV-SD006-30001	
		Depth - ft bgs	0 - 1		0 - 1		0 - 1	
		Collected Date	09/03/98		09/03/98		09/03/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	Result Units MG/KG MG/KG M				MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
Ц	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	0.48 J		1.1 J	X	0.81 J	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	93.6 J		133 J		97.2 J	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	ND		ND		ND	
	CHROMIUM, TOTAL	230	18.6 J		28.2 J		20.7 J	
	LEAD, TOTAL	400	ND		ND		ND	
	NICKEL, TOTAL	1600	ND		34.5 J		ND	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43	12.5 J	X	16.5 J	X	12.0 J	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SD007-30001		PAV-SD008-30001	0 - 1 09/04/98 RECRA RECRA MG/KG > CAL* Result F NI NI NI NI NI NI NI	PAV-SD009-30001	
		Depth - ft bgs	0 - 1		0 - 1		0 - 1 09/04/98 RECRA Civil & Environmental Consulta MG/KG Result Flag > CAL* ND ND ND ND ND ND ND ND ND N	
		Collected Date	09/03/98		09/03/98		09/04/98	
		Sample Type Sample Id Depth - ft bgs Collected Date Laboratory RECRA Sample Collector Result Units Action Level 12 16000 7800 160000 7800 47000 1600 47000 3100 23000 23000 3100 23000 87 87	RECRA		RECRA		RECRA	
		Sample Collector Civil & Environmental Co		tal Consultant	Civil & Environmen	Civil & Environmental Consultant		
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800	ND		ND		ND	
	2-BUTANONE	47000	ND		ND		ND	
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SD007-30001		PAV-SD008-30001		PAV-SD009-30001	
		Depth - ft bgs	0 - 1		0 - 1		0 - 1	
		Collected Date	09/03/98		09/03/98		09/04/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environment	tal Consultant	Civil & Environmen	tal Consultant:
		Result Units	MG/KG		MG/KG		MG/KG	_
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	1.3 J	X	2.7 J	X	0.56	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	101 J		71.9 J		96.8	
	BERYLLIUM, TOTAL	160	ND		ND		ND	
	CADMIUM, TOTAL	39	ND		ND		19.6	
	CHROMIUM, TOTAL	230	20.0 J		15.5 J		27.4	
	LEAD, TOTAL	400	ND		ND		128	
	NICKEL, TOTAL	1600	ND		ND		36.5	
	SILVER, TOTAL	390	ND		ND		ND	
	MERCURY, TOTAL	20	ND		ND		2.0	
	ARSENIC, TOTAL	.43	10.6 J	X	6.0 J	X	42.3 J-	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

PRA

15

		1101							
		PRA Description FORMER DRAINA			GE CHANNEI	L (MANMADE DITO	CH)		
		Sample Type			Field Duplicate (Re	p)	Normal Sample		
		Sample Id	PAV-SD010-30001		PAV-SD001-31001		PAV-SB011-70001		
		Depth - ft bgs	0 - 1		0 - 1		2 - 4		
		Collected Date	09/03/98		08/31/98		08/31/98		
		Laboratory	RECRA		RECRA		RECRA		
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	ntal Consultant	Civil & Environmen	ntal Consultant	
		Result Units	MG/KG		MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
VOA	BENZENE	12	ND		ND		0.020		
	TOLUENE	16000	ND		ND		0.012		
	ETHYLBENZENE	7800	ND		ND		0.006		
	XYLENE (TOTAL)	160000	ND		ND		0.046		
	ACETONE	7800	ND						
	2-BUTANONE	47000	ND						
BNA	NAPHTHALENE	1600	ND		ND		ND		
	ACENAPHTHENE	4700	ND		ND		ND		
	FLUORENE	3100	ND		ND		ND		
	PHENANTHRENE	23000	ND		ND		ND		
	ANTHRACENE	23000	ND		ND		ND		
	FLUORANTHENE	3100	ND		ND		ND		
	PYRENE	2300	ND		ND		ND		
	BENZO(A)ANTHRACENE	.87	ND		ND		ND		
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND		
	CHRYSENE	87	ND		ND		ND		
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND		

Notes:

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA			15			
		PRA Description			FORMER DRAINA	GE CHANNEI	L (MANMADE DITO	ZH)
		Sample Type			Field Duplicate (Re	p)	Normal Sample	
		Sample Id	PAV-SD010-30001		PAV-SD001-31001		PAV-SB011-70001	
		Depth - ft bgs	0 - 1		0 - 1		2 - 4	
		Collected Date	09/03/98		08/31/98		08/31/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmer	ntal Consultant	Civil & Environmen	tal Consultant
		Result Units MG/KG		MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	0.11 J		0.22 J		0.50	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500	85.3 J					
	BERYLLIUM, TOTAL	160	ND					
	CADMIUM, TOTAL	39	ND					
	CHROMIUM, TOTAL	230	14.7 J					
	LEAD, TOTAL	400	ND					
	NICKEL, TOTAL	1600	ND					
	SILVER, TOTAL	390	5.5 R					
	MERCURY, TOTAL	20	ND					
	ARSENIC, TOTAL	.43	10.0 J	X				

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB011-70002		PAV-SB011-70003		PAV-SB012-70001	
		Depth - ft bgs	4 - 6		9 - 11		2 - 4	
		Collected Date	08/31/98		08/31/98		08/31/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	ıtal Consultant:
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	0.057		ND		ND	
	XYLENE (TOTAL)	160000	0.11		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB011-70002		PAV-SB011-70003		PAV-SB012-70001	
		Depth - ft bgs	4 - 6		9 - 11		2 - 4	
		Collected Date	08/31/98		08/31/98		08/31/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	tal Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	_
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	0.060		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB012-70002		PAV-SB013-70001		PAV-SB013-70002	
		Depth - ft bgs	4 - 6		2 - 4		4 - 6	
		Collected Date	08/31/98		09/01/98		09/01/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant	Civil & Environmer	ital Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	ND		ND		ND	
	FLUORENE	3100	ND		ND		ND	
	PHENANTHRENE	23000	ND		ND		ND	
	ANTHRACENE	23000	ND		ND		ND	
	FLUORANTHENE	3100	ND		ND		ND	
	PYRENE	2300	ND		ND		ND	
	BENZO(A)ANTHRACENE	.87	ND		ND		ND	
	BENZO(B)FLUORANTHENE	.87	ND		ND		ND	
	CHRYSENE	87	ND		ND		ND	1
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND	1

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB012-70002		PAV-SB013-70001		PAV-SB013-70002	
		Depth - ft bgs	4 - 6		2 - 4		4 - 6	
		Collected Date	08/31/98		09/01/98		09/01/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	tal Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	_
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND		ND	
	BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA					16	
		PRA Description					ESD BLOWDOWN	S
		Sample Type					Normal Sample	
		Sample Id	PAV-SD001-30001		PAV-SD002-30001		PAV-SS009-40001	
		Depth - ft bgs	0 - 1		0 - 1		0 - 1	
		Collected Date	08/31/98		08/31/98		09/03/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmer	ntal Consultant	Civil & Environmen	ntal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600	ND		ND			
	ACENAPHTHENE	4700	ND		ND			
	FLUORENE	3100	ND		ND			
	PHENANTHRENE	23000	ND		ND			
	ANTHRACENE	23000	ND		ND			
	FLUORANTHENE	3100	ND		ND			
	PYRENE	2300	ND		ND			
	BENZO(A)ANTHRACENE	.87	ND		ND			
	BENZO(B)FLUORANTHENE	.87	ND		ND			
	CHRYSENE	87	ND		ND			
	BENZO(K)FLUORANTHENE	8.7	ND		ND			

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA					16	
		PRA Description					ESD BLOWDOWN	S
		Sample Type					Normal Sample	
		Sample Id	PAV-SD001-30001		PAV-SD002-30001		PAV-SS009-40001	
		Depth - ft bgs	0 - 1		0 - 1		0 - 1	
		Collected Date	08/31/98		08/31/98		09/03/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	_
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087	ND		ND			
	BENZO(G,H,I)PERYLENE	2300	ND		ND			
	INDENO(1,2,3-CD)PYRENE	.87	ND		ND			
P/PCB	AROCLOR-1254	1	1.9 J	X	1.3 J	X	ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS011-40001		PAV-SS012-40001		PAV-SS016-40001	
		Depth - ft bgs	0 - 1		0 - 1		0 - 1	
		Collected Date	09/02/98		09/02/98		09/03/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	ıtal Consultan	t: Civil & Environmen	ntal Consultant	Civil & Environmen	ntal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS011-40001		PAV-SS012-40001		PAV-SS016-40001	
		Depth - ft bgs	0 - 1		0 - 1		0 - 1	
		Collected Date	09/02/98		09/02/98		09/03/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	Result Units MG/KG MG/KG MG/KG					
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		0.19	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA	17		18			
		PRA Description	PALL TRINITY BI	OWDOWN	AIR RECIEVER T	ANK BLOWDO	OWNS	
		Sample Type	Normal Sample		Normal Sample			
		Sample Id	PAV-SU017-70001 P		PAV-SS001-40001		PAV-SS002-40001	
		Depth - ft bgs	6 - 7		0 - 0.5		0 - 0.5	
		Collected Date	09/05/98		08/25/98		08/25/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	ntal Consultant	Civil & Environmen	ntal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND					
	TOLUENE	16000	ND					
	ETHYLBENZENE	7800	ND					
	XYLENE (TOTAL)	160000	ND					
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA	17		18			_	
		PRA Description	PALL TRINITY BL	OWDOWN	AIR RECIEVER TA	ANK BLOWDO	OWNS		
		Sample Type	Normal Sample		Normal Sample				
		Sample Id	PAV-SU017-70001		PAV-SS001-40001		PAV-SS002-40001		
		Depth - ft bgs	6 - 7		0 - 0.5		0 - 0.5		
		Collected Date	09/05/98		08/25/98		08/25/98		
		Laboratory	RECRA		RECRA		RECRA		
		Sample Collector	Civil & Environment	tal Consultant	Civil & Environmen	ntal Consultant	Civil & Environmen	tal Consultant	
		Result Units	MG/KG		MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
	BENZO(A)PYRENE	.087							
	BENZO(G,H,I)PERYLENE	2300							
	INDENO(1,2,3-CD)PYRENE	.87							
P/PCB	AROCLOR-1254	1	ND		0.38		0.11		
	AROCLOR-1260	1	ND		ND		ND		
METAL	BARIUM, TOTAL	5500							
	BERYLLIUM, TOTAL	160							
	CADMIUM, TOTAL	39							
	CHROMIUM, TOTAL	230							
	LEAD, TOTAL	400							
	NICKEL, TOTAL	1600							
	SILVER, TOTAL	390							
	MERCURY, TOTAL	20							
	ARSENIC, TOTAL	.43							

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA					19	
		PRA Description					SCRUBBER LIQUI	D REMOVAL
		Sample Type					Normal Sample	
		Sample Id	PAV-SS003-40001		PAV-SS004-40001		PAV-SS010-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 1	
		Collected Date	08/25/98		08/25/98		09/08/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	ntal Consultant	Civil & Environmer	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12					ND	
	TOLUENE	16000					ND	
	ETHYLBENZENE	7800					ND	
	XYLENE (TOTAL)	160000					ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600					ND	
	ACENAPHTHENE	4700					ND	
	FLUORENE	3100					ND	
	PHENANTHRENE	23000					ND	
	ANTHRACENE	23000					ND	
	FLUORANTHENE	3100					ND	
	PYRENE	2300					1.9 R	
	BENZO(A)ANTHRACENE	.87					ND	
	BENZO(B)FLUORANTHENE	.87					ND	
	CHRYSENE	87					ND	
	BENZO(K)FLUORANTHENE	8.7					ND	1

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA					19	
		PRA Description					SCRUBBER LIQUI	D REMOVAL
		Sample Type					Normal Sample	
		Sample Id	PAV-SS003-40001		PAV-SS004-40001		PAV-SS010-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 1	
		Collected Date	08/25/98		08/25/98		09/08/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087					ND	
	BENZO(G,H,I)PERYLENE	2300					ND	
	INDENO(1,2,3-CD)PYRENE	.87					ND	
P/PCB	AROCLOR-1254	1	11	X	ND		0.11	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

PRA

		1101						
		PRA Description	POINTS				GLYCOL DRIP LI	QUID REMOV
		Sample Type					Field Duplicate (Re	p)
		Sample Id	PAV-SS014-40001		PAV-SS015-40001		PAV-SS005-41001	
		Depth - ft bgs	0 - 1		0 - 1		0 - 1	
		Collected Date	09/04/98		09/08/98		08/25/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	ntal Consultant	Civil & Environmen	ntal Consultant	Civil & Environmer	ital Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	0.018		0.007		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600			ND			
	ACENAPHTHENE	4700			ND			
	FLUORENE	3100			ND			
	PHENANTHRENE	23000			ND			
	ANTHRACENE	23000			ND			
	FLUORANTHENE	3100			ND			
	PYRENE	2300			ND			
	BENZO(A)ANTHRACENE	.87			ND			1
	BENZO(B)FLUORANTHENE	.87			ND			1
	CHRYSENE	87			ND			1
	BENZO(K)FLUORANTHENE	8.7			ND			1

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

21

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA					21	_
		PRA Description	POINTS				GLYCOL DRIP LIC	QUID REMOV.
		Sample Type					Field Duplicate (Rep)	
		Sample Id	PAV-SS014-40001		PAV-SS015-40001		PAV-SS005-41001	
		Depth - ft bgs	0 - 1		0 - 1		0 - 1	
		Collected Date	09/04/98		09/08/98		08/25/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	tal Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG Possult Flog > CAI *	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087			ND			
	BENZO(G,H,I)PERYLENE	2300			ND			
	INDENO(1,2,3-CD)PYRENE	.87			ND			
P/PCB	AROCLOR-1254	1	1.1	X	0.067			
	AROCLOR-1260	1	ND		ND			
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43					7.2 J	X

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

PRA

		PRA Description	AL POINT				FORMER 98, 99 RI	ECHI ATOR R
		Sample Type	Normal Sample				Normal Sample	2GULATOR D
		Sample Type Sample Id	PAV-SS005-40001		PAV-SS081-40001		PAV-SS017-40001	
		Depth - ft bgs	0 - 1		0 - 1		0 - 0.5	
		Collected Date	08/25/98		08/25/98		09/08/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultan	Civil & Environment	ntal Consultant	Civil & Environmen	ıtal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND			
	TOLUENE	16000	ND		ND			
	ETHYLBENZENE	7800	ND		ND			
	XYLENE (TOTAL)	160000	ND		ND			
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						+
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

22

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA					22	
		PRA Description	AL POINT				FORMER 98, 99 REGULATOR B Normal Sample PAV-SS017-40001 0 - 0.5 09/08/98 RECRA At Civil & Environmental Consultant: MG/KG Result Flag > CAL*	
		Sample Type	Normal Sample				Normal Sample	
		Sample Id	PAV-SS005-40001		PAV-SS081-40001			
		Depth - ft bgs	0 - 1		0 - 1			
		Collected Date	08/25/98		08/25/98		09/08/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmer	ntal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1						
	AROCLOR-1260	1						
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20					ND	
	ARSENIC, TOTAL	.43	14.8 J	X	31.0 J	X		

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA			23			
		PRA Description	UILDING		FORMER MEASU	REMENT BUI	LDING	
		Sample Type			Normal Sample			
		Sample Id	PAV-SS018-40001		PAV-SS019-40001		PAV-SS020-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/08/98		09/04/98		09/04/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector Civil & Environment		tal Consultant	al Consultant: Civil & Environmental Consultant:		Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	_
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	1:	2					
	TOLUENE	16000						
	ETHYLBENZENE	7800	7800					
	XYLENE (TOTAL)	160000						
	ACETONE	7800	0					
	2-BUTANONE	4700	0					
BNA	NAPHTHALENE	1600	0					
	ACENAPHTHENE	4700	0					
	FLUORENE	3100	0					
	PHENANTHRENE	2300	0					
	ANTHRACENE	2300	0					
	FLUORANTHENE	3100	0					
	PYRENE	2300	0					
	BENZO(A)ANTHRACENE	.8	7					
	BENZO(B)FLUORANTHENE	.8	7					
	CHRYSENE	8′	7					
	BENZO(K)FLUORANTHENE	8.	7					

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA			23			
		PRA Description	UILDING		FORMER MEASUR	REMENT BUI	LDING	
		Sample Type			Normal Sample			
		Sample Id	PAV-SS018-40001		PAV-SS019-40001		PAV-SS020-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/08/98		09/04/98		09/04/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG Result Flag > CAL*	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1						
	AROCLOR-1260	1						
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20	ND		4.1		ND	
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA	24					
		PRA Description	MEASUREMENT/F	REGULATION	N BUILDING			
		Sample Type	Normal Sample					
		Sample Id	PAV-SS021-40001		PAV-SS022-40001		PAV-SS023-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/02/98		09/02/98		09/02/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	ntal Consultant	Civil & Environmer	ntal Consultant:
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA	24					
		PRA Description	MEASUREMENT/R	EGULATION	BUILDING			
		Sample Type	Normal Sample					
		Sample Id	PAV-SS021-40001		PAV-SS022-40001		PAV-SS023-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/02/98		09/02/98		09/02/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmer	ntal Consultant	Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	_
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1						
	AROCLOR-1260	1						
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20	ND		ND		ND	
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS024-40001		PAV-SS025-40001		PAV-SS026-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/02/98		09/02/98		09/02/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmental Consultants		Civil & Environmental Consultant		Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA							
		PRA Description							
		Sample Type							
		Sample Id	PAV-SS024-40001		PAV-SS025-40001		PAV-SS026-40001		
		Depth - ft bgs	0 - 0.5		0 - 0.5	- 0.5			
		Collected Date	09/02/98		09/02/98		09/02/98		
		Laboratory	RECRA		RECRA		RECRA		
		Sample Collector	Civil & Environmental Consultant: Ci		Civil & Environmental Consultant		Civil & Environmental Consultant		
		Result Units	MG/KG		MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
	BENZO(A)PYRENE	.087							
	BENZO(G,H,I)PERYLENE	2300							
	INDENO(1,2,3-CD)PYRENE	.87							
P/PCB	AROCLOR-1254	1							
	AROCLOR-1260	1							
METAL	BARIUM, TOTAL	5500							
	BERYLLIUM, TOTAL	160							
	CADMIUM, TOTAL	39							
	CHROMIUM, TOTAL	230							
	LEAD, TOTAL	400							
	NICKEL, TOTAL	1600							
	SILVER, TOTAL	390							
	MERCURY, TOTAL	20	ND		ND		ND		
L	ARSENIC, TOTAL	.43							

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS027-40001		PAV-SS028-40001		PAV-SS029-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	d Date 09/02/98 09/02/98 09		09/02/98			
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS027-40001		PAV-SS028-40001		PAV-SS029-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5	0 - 0.5		
		Collected Date			09/02/98			
		Laboratory			RECRA			
		Sample Collector	le Collector Civil & Environmental Consultant: Civil & Environmental Consultant:				Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	_
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1						
	AROCLOR-1260	1						
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20	0.90		ND		ND	
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS030-40001		PAV-SS031-40001		PAV-SS032-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5 09/02/98 RECRA Civil & Environmental Consultant:	
		Collected Date	09/02/98		09/02/98		09/02/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	ntal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Analyte Action Level Result Flag > C		> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS030-40001		PAV-SS031-40001		PAV-SS032-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5	0 - 0.5		
		Collected Date			09/02/98			
		Laboratory			RECRA			
		Sample Collector	ple Collector Civil & Environmental Consultant: Civil & Environmental Consultant:				Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	_
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1						
	AROCLOR-1260	1						
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20	1.9		ND		ND	
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

	ľ							
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS033-40001		PAV-SS034-40001		PAV-SS082-40001	
		Depth - ft bgs	0 - 0.5	0 - 0.5		0 - 0.5		
		Collected Date			09/02/98			
		Laboratory			RECRA			
		Sample Collector	Civil & Environmenta	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmental Consultant: MG/KG	
		Result Units	MG/KG		MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS033-40001		PAV-SS034-40001		PAV-SS082-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/02/98		09/02/98		09/02/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	ollector Civil & Environmental Consultant: Civil & Environmental Consultant:				Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1						
	AROCLOR-1260	1						
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20	ND		ND		0.32	
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA			25			
		PRA Description			FENCE LINE			
		Sample Type			Normal Sample			
		Sample Id	PAV-SS083-40001		PAV-SS035-40001		PAV-SS036-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/02/98		08/28/98		09/01/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultan	t: Civil & Environmen	tal Consultant	Civil & Environmen	ital Consultant
		Result Units	MG/KG		MG/KG		MG/KG	_
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA			25			
		PRA Description			FENCE LINE			
		Sample Type			Normal Sample			
		Sample Id	PAV-SS083-40001		PAV-SS035-40001		PAV-SS036-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/02/98		08/28/98		09/01/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1			0.32		ND	
	AROCLOR-1260	1			ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20	0.26					
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS037-40001		PAV-SS038-40001		PAV-SS039-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5 09/01/98 RECRA Civil & Environmental Consultant:	
		Collected Date	09/01/98		09/01/98		09/01/98	
		Laboratory	RECRA RECRA			RECRA		
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	ntal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS037-40001		PAV-SS038-40001		PAV-SS039-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/01/98		09/01/98		09/01/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultan	t: Civil & Environmen	ntal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		0.36		0.066	
	AROCLOR-1260	1	0.22		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		DD A D						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS040-40001		PAV-SS041-40001		PAV-SS042-40001	
		Depth - ft bgs	0 - 0.5	0 - 0.5		0 - 0.5		
		Collected Date			09/01/98			
		Laboratory			RECRA			
		Sample Collector	Civil & Environmenta	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmental Consultant: MG/KG	
		Result Units	MG/KG		MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	FOLUENE	16000						
I	ETHYLBENZENE	7800						
2	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
I I	ACENAPHTHENE	4700						
I	FLUORENE	3100						
I	PHENANTHRENE	23000						
I I	ANTHRACENE	23000						
II II	FLUORANTHENE	3100						
I	PYRENE	2300						
I	BENZO(A)ANTHRACENE	.87						
I	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
1	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS040-40001		PAV-SS041-40001		PAV-SS042-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/01/98		09/01/98		09/01/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector Civil & Environmental Consultant: Civil & Environmental Consultant: C				Civil & Environmen	tal Consultant:	
		Result Units	MG/KG		MG/KG		MG/KG	_
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	0.13		0.32		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA							
		PRA Description							
		Sample Type							
		Sample Id	PAV-SS043-40001		PAV-SS044-40001		PAV-SS045-40001		
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5		
		Collected Date	09/01/98		09/01/98		09/01/98		
		Laboratory	RECRA		RECRA		RECRA		
		Sample Collector	PAV-SS043-40001 PAV-SS044-40001 PAV-SS				tant Civil & Environmental Consultant		
		Result Units	MG/KG		MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
VOA	BENZENE	12							
	TOLUENE	16000							
	ETHYLBENZENE	7800							
	XYLENE (TOTAL)	160000							
	ACETONE	7800							
	2-BUTANONE	47000							
BNA	NAPHTHALENE	1600							
	ACENAPHTHENE	4700							
	FLUORENE	3100							
	PHENANTHRENE	23000							
	ANTHRACENE	23000							
	FLUORANTHENE	3100							
	PYRENE	2300							
	BENZO(A)ANTHRACENE	.87							
	BENZO(B)FLUORANTHENE	.87							
	CHRYSENE	87							
	BENZO(K)FLUORANTHENE	8.7							

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA							
		PRA Description							
		Sample Type							
		Sample Id	PAV-SS043-40001		PAV-SS044-40001		PAV-SS045-40001		
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5		
		Collected Date	09/01/98 09/01/98 09		09/01/98				
		Laboratory	RECRA RECRA		RECRA				
		Sample Collector	ollector Civil & Environmental Consultant: Civil & Environmental Consultant:				Civil & Environmen	tal Consultant:	
		Result Units	MG/KG	_	MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
	BENZO(A)PYRENE	.087							
	BENZO(G,H,I)PERYLENE	2300							
	INDENO(1,2,3-CD)PYRENE	.87							
P/PCB	AROCLOR-1254	1	ND		ND		ND		
	AROCLOR-1260	1	ND		ND		ND		
METAL	BARIUM, TOTAL	5500							
	BERYLLIUM, TOTAL	160							
	CADMIUM, TOTAL	39							
	CHROMIUM, TOTAL	230							
	LEAD, TOTAL	400							
	NICKEL, TOTAL	1600							
	SILVER, TOTAL	390							
	MERCURY, TOTAL	20							
	ARSENIC, TOTAL	.43							

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA Description						
		PKA Description						
		Sample Type						
		Sample Id	PAV-SS046-40001		PAV-SS047-40001		PAV-SS048-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date				09/01/98		
		Laboratory			RECRA			
		Sample Collector	Civil & Environmenta	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmental Consultanta	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag > CAL*		Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
[]	FOLUENE	16000						
F	ETHYLBENZENE	7800						
<u> </u>	XYLENE (TOTAL)	160000						
A	ACETONE	7800						
2	2-BUTANONE	47000						
BNA N	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
F	FLUORENE	3100						
F	PHENANTHRENE	23000						
A	ANTHRACENE	23000						
F	FLUORANTHENE	3100						
F	PYRENE	2300						
E	BENZO(A)ANTHRACENE	.87						
F	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
E	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS046-40001		PAV-SS047-40001		PAV-SS048-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5	0 - 0.5		
		Collected Date	09/01/98		09/01/98		09/01/98	
		Laboratory	RECRA RECRA		RECRA			
		Sample Collector	Collector Civil & Environmental Consultant: Civil & Environmental Consultant C			Civil & Environmen	tal Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA			26			
		PRA Description			PIPE STORAGE A	REA		
		Sample Type			Normal Sample			
		Sample Id	PAV-SS049-40001		PAV-SS050-40001		PAV-SS051-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/01/98		09/02/98		09/02/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	ntal Consultan	t: Civil & Environmen	ntal Consultant	Civil & Environmen	ntal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						1
	FLUORANTHENE	3100						
	PYRENE	2300						1
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						1

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA			26				
		PRA Description			PIPE STORAGE A	REA			
		Sample Type			Normal Sample				
		Sample Id	PAV-SS049-40001		PAV-SS050-40001 0 - 0.5		PAV-SS051-40001 0 - 0.5		
		Depth - ft bgs	0 - 0.5						
		Collected Date	09/01/98		09/02/98		09/02/98	9/02/98	
		Laboratory	RECRA		RECRA		RECRA		
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	ntal Consultant	Civil & Environmen	tal Consultant	
		Result Units	MG/KG		MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
	BENZO(A)PYRENE	.08′	7						
	BENZO(G,H,I)PERYLENE	2300)						
	INDENO(1,2,3-CD)PYRENE	.8′	7						
P/PCB	AROCLOR-1254		0.19		ND		0.35		
	AROCLOR-1260		1 ND		ND		ND		
METAL	BARIUM, TOTAL	5500)						
	BERYLLIUM, TOTAL	160)						
	CADMIUM, TOTAL	39	9						
	CHROMIUM, TOTAL	230)						
	LEAD, TOTAL	400)						
	NICKEL, TOTAL	1600)						
	SILVER, TOTAL	390)						
	MERCURY, TOTAL	20)						
	ARSENIC, TOTAL	.43	3						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SS052-40001		PAV-SS053-40001		PAV-SS054-40001	
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5	
		Collected Date	09/02/98		09/02/98		09/02/98	
		Laboratory	RECRA RECRA			RECRA		
		Sample Collector Civil & Environmental Consultant: Civil		Civil & Environmen	ntal Consultant	Civil & Environmen	tal Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12						
	TOLUENE	16000						
	ETHYLBENZENE	7800						
	XYLENE (TOTAL)	160000						
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA							
		PRA Description							
		Sample Type							
		Sample Id	PAV-SS052-40001		PAV-SS053-40001		PAV-SS054-40001		
		Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5		
		Collected Date	09/02/98		09/02/98		09/02/98		
		Laboratory	RECRA		RECRA		RECRA		
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant:	
		Result Units	MG/KG		MG/KG		MG/KG	IG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
	BENZO(A)PYRENE	.087							
	BENZO(G,H,I)PERYLENE	2300							
	INDENO(1,2,3-CD)PYRENE	.87							
P/PCB	AROCLOR-1254	1	0.14		1.6	X	0.066		
	AROCLOR-1260	1	ND		ND		ND		
METAL	BARIUM, TOTAL	5500							
	BERYLLIUM, TOTAL	160							
	CADMIUM, TOTAL	39							
	CHROMIUM, TOTAL	230							
	LEAD, TOTAL	400							
	NICKEL, TOTAL	1600							
	SILVER, TOTAL	390							
	MERCURY, TOTAL	20							
	ARSENIC, TOTAL	.43							

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA			27			
		PRA Description			FIN FANS			
		Sample Type			Normal Sample			
		Sample Id	PAV-SS055-40001		PAV-SB032-40001		PAV-SB032-70001	
		Depth - ft bgs	0 - 0.5		0 - 1		2.5 - 2.5	
		Collected Date	09/02/98		09/03/98		09/03/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultan	t: Civil & Environmer	ntal Consultant	Civil & Environmen	tal Consultant:
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12			ND		ND	
	TOLUENE	16000			ND		ND	
	ETHYLBENZENE	7800			ND		ND	
	XYLENE (TOTAL)	160000			ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA			27			
		PRA Description			FIN FANS			
		Sample Type			Normal Sample			
		Sample Id	PAV-SS055-40001		PAV-SB032-40001		PAV-SB032-70001	
		Depth - ft bgs	0 - 0.5		0 - 1		2.5 - 2.5	
		Collected Date	09/02/98		09/03/98		09/03/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Sample Collector Civil & Environmental Consultant: Civil & Environmental Consultant:		Civil & Environmen	ntal Consultant:		
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	0.10		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		I						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB033-40001		PAV-SB033-70001		PAV-SB034-40001	
		Depth - ft bgs	0 - 1		2.5 - 2.5		0 - 1	
		Collected Date 09/03/98 09/03/98		09/03/98				
		Laboratory	RECRA RECRA I		RECRA			
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmental Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag > CAL*		Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB033-40001		PAV-SB033-70001		PAV-SB034-40001	
		Depth - ft bgs	0 - 1		2.5 - 2.5		0 - 1	
		Collected Date	09/03/98		09/03/98		09/03/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector Civil & Environmental Consultant: Civil & Environmental Consultant: C			Civil & Environmen	tal Consultant		
		Result Units	MG/KG		MG/KG		MG/KG	_
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		0.072	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB034-70001		PAV-SB035-40001		PAV-SB035-70001	
		Depth - ft bgs	2.5 - 2.5		0 - 1		2.5 - 2.5 09/04/98 RECRA Civil & Environmental C	
		Collected Date			09/04/98		09/04/98	
		Laboratory			RECRA		RECRA	
		Sample Collector Civil & Environmental Cons		al Consultants	Civil & Environmen	tal Consultant	ti Civil & Environmental Consultar	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag > CAL* Resul		Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	0.006		0.035		0.014	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA							
		PRA Description							
		Sample Type							
		Sample Id	PAV-SB034-70001		PAV-SB035-40001		PAV-SB035-70001		
		Depth - ft bgs	2.5 - 2.5		0 - 1		2.5 - 2.5		
		Collected Date	09/03/98		09/04/98		09/04/98		
		Laboratory	RECRA		RECRA		RECRA		
		Sample Collector Civil & Environmental Consultant: Civil & Environmental C				Civil & Environmen	tal Consultant		
		Result Units	MG/KG		MG/KG		MG/KG	MG/KG Result Flag > CAL*	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
	BENZO(A)PYRENE	.087							
	BENZO(G,H,I)PERYLENE	2300							
	INDENO(1,2,3-CD)PYRENE	.87							
P/PCB	AROCLOR-1254	1	ND		ND		ND		
	AROCLOR-1260	1	ND		ND		ND		
METAL	BARIUM, TOTAL	5500							
	BERYLLIUM, TOTAL	160							
	CADMIUM, TOTAL	39							
	CHROMIUM, TOTAL	230							
	LEAD, TOTAL	400							
	NICKEL, TOTAL	1600							
	SILVER, TOTAL	390							
	MERCURY, TOTAL	20							
	ARSENIC, TOTAL	.43							

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA Description						
		Sample Type						
		Sample Id	PAV-SB036-40001		PAV-SB036-70001		PAV-SB037-40001	
		Depth - ft bgs	0 - 1		2.5 - 2.5		0 - 1 09/04/98 RECRA Civil & Environmental Co MG/KG	
		Collected Date			09/04/98		09/04/98	
		Laboratory			RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag > CAL* Res		Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		0.022		0.011	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA							
		PRA Description							
		Sample Type							
		Sample Id	PAV-SB036-40001		PAV-SB036-70001		PAV-SB037-40001		
		Depth - ft bgs	0 - 1		2.5 - 2.5		0 - 1		
		Collected Date	09/04/98		09/04/98		09/04/98		
		Laboratory	RECRA		RECRA		RECRA		
		Sample Collector Civil & Environmental Consultant: Civil & Environmental Consultant: Civil				Civil & Environmen	tal Consultant		
		Result Units	MG/KG		MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
	BENZO(A)PYRENE	.087							
	BENZO(G,H,I)PERYLENE	2300							
	INDENO(1,2,3-CD)PYRENE	.87							
P/PCB	AROCLOR-1254	1	ND		ND		ND		
	AROCLOR-1260	1	ND		ND		ND		
METAL	BARIUM, TOTAL	5500							
	BERYLLIUM, TOTAL	160							
	CADMIUM, TOTAL	39							
	CHROMIUM, TOTAL	230							
	LEAD, TOTAL	400							
	NICKEL, TOTAL	1600							
	SILVER, TOTAL	390							
	MERCURY, TOTAL	20							
	ARSENIC, TOTAL	.43							

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

PRA

		1101					50	
		PRA Description			UTILITY BLDG. C	OIL SKIMMER	FORMER MFG. G.	ASOLINE PLA
		Sample Type			Normal Sample		Normal Sample	
		Sample Id	PAV-SB037-70001		PAV-SD011-30001		PAV-SB038-40001	
		Depth - ft bgs	2.5 - 2.5		0 - 1		0 - 1	
		Collected Date	09/04/98		09/03/98		09/08/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmer	ntal Consultant	Civil & Environmen	ntal Consultant	Civil & Environmen	ıtal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800			ND			
	2-BUTANONE	47000			ND			
BNA	NAPHTHALENE	1600			ND			
	ACENAPHTHENE	4700			ND			
	FLUORENE	3100			ND			
	PHENANTHRENE	23000			ND			
	ANTHRACENE	23000			ND			
	FLUORANTHENE	3100			ND			
	PYRENE	2300			ND			
	BENZO(A)ANTHRACENE	.87			ND			
	BENZO(B)FLUORANTHENE	.87			ND			
	CHRYSENE	87			ND			
	BENZO(K)FLUORANTHENE	8.7			ND			

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

30

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA			29		30	
		PRA Description			UTILITY BLDG. O	IL SKIMMER	FORMER MFG. G	ASOLINE PLA
		Sample Type			Normal Sample		Normal Sample	
		Sample Id	PAV-SB037-70001		PAV-SD011-30001		PAV-SB038-40001	
		Depth - ft bgs	2.5 - 2.5		0 - 1		0 - 1	
		Collected Date	09/04/98		09/03/98		09/08/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	ntal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	_
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087			ND			
	BENZO(G,H,I)PERYLENE	2300			ND			
	INDENO(1,2,3-CD)PYRENE	.87			ND			
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500			122 J-			
	BERYLLIUM, TOTAL	160			ND			
	CADMIUM, TOTAL	39			ND			
	CHROMIUM, TOTAL	230			7.3 J-			
	LEAD, TOTAL	400			ND			
	NICKEL, TOTAL	1600			19.4 J-			
	SILVER, TOTAL	390			2.9 R			
	MERCURY, TOTAL	20			ND			
	ARSENIC, TOTAL	.43			22.2 J-	X		

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description	NT HORIZONTAL A	TS (VOLUM	E UNKNOWN)			
		Sample Type						
		Sample Id	PAV-SB038-70001		PAV-SB039-40001		PAV-SB039-70001	
		Depth - ft bgs	2 - 4		0 - 1		2 - 4	
		Collected Date			09/09/98		09/09/98	
		Laboratory			RECRA		RECRA	
		Sample Collector			Civil & Environmen	tal Consultant	Civil & Environmental Consult	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag > CAL*		Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description	NT HORIZONTAL A	TS (VOLUM	IE UNKNOWN)			
		Sample Type						
		Sample Id	PAV-SB038-70001		PAV-SB039-40001		PAV-SB039-70001	
		Depth - ft bgs	2 - 4		0 - 1		2 - 4	
		Collected Date			09/09/98			
		Laboratory			RECRA			
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB040-40001		PAV-SB040-70001		PAV-SB041-40001	
		Depth - ft bgs	0 - 1		2 - 4		0 - 1	
		Collected Date	09/09/98		09/09/98		09/08/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Collector Civil & Environmental Consultant: Civil & Environmental Consultant:		Civil & Environmental Consultant			
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		0.016		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB040-40001		PAV-SB040-70001		PAV-SB041-40001	
		Depth - ft bgs	0 - 1		2 - 4		0 - 1	
		Collected Date	09/09/98		09/09/98		09/08/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	tal Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB041-70001		PAV-SB042-40001		PAV-SB042-70001	
		Depth - ft bgs	2 - 4		0 - 1		2 - 4 09/08/98 RECRA	
		Collected Date	09/08/98		09/08/98		09/08/98	
		Laboratory	RECRA RECRA		RECRA			
		Sample Collector Civil & Environmental Consultant: Civil		Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant	
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: November 30, 2000

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						_
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB041-70001		PAV-SB042-40001		PAV-SB042-70001	
		Depth - ft bgs	2 - 4		0 - 1		2 - 4	
		Collected Date	09/08/98		09/08/98		09/08/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultan	t: Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB043-40001		PAV-SB043-70001		PAV-SB044-40001	
		Depth - ft bgs	0 - 1		2 - 4		0 - 1	
		Collected Date	09/08/98		09/08/98		09/08/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	2 - 4 0 - 1 09/08/98 09/08/98 RECRA RECRA nsultant: Civil & Environmental Consultant: Civil & E MG/KG MG/KG CAL* Result Flag > CAL* Result ND			tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		0.010	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB043-40001		PAV-SB043-70001		PAV-SB044-40001	
		Depth - ft bgs	0 - 1		2 - 4		0 - 1	
		Collected Date	09/08/98		09/08/98		09/08/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	_
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA					31	
		PRA Description					FORMER MFG. G.	ASOLINE PLA
		Sample Type					Field Duplicate (Re	p)
		Sample Id	PAV-SB044-70001		PAV-SB044-70002		PAV-SB045-71001	
		Depth - ft bgs	2 - 4		4 - 6		2 - 4	
		Collected Date	09/08/98		09/08/98		09/04/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	ntal Consultant	Civil & Environmen	ntal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						1
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						1
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						1

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA					31	
		PRA Description					FORMER MFG. GA	SOLINE PLA
		Sample Type					Field Duplicate (Rep	<u>n)</u>
		Sample Id	PAV-SB044-70001		PAV-SB044-70002		PAV-SB045-71001	
		Depth - ft bgs	2 - 4		4 - 6		2 - 4	
		Collected Date	09/08/98		09/08/98		09/04/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	_
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description	NT VERTICAL AT	S (VOLUME U	NKNOWN)			
		Sample Type			Normal Sample			
		Sample Id	PAV-SB045-71003		PAV-SB045-40001		PAV-SB045-70001	
		Depth - ft bgs	9 - 11		0 - 1		2 - 4	
		Collected Date	09/04/98		09/04/98		09/04/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	ntal Consultant	Civil & Environmen	ntal Consultant	Civil & Environmen	ntal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	0.022 Ј		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description	NT VERTICAL ATS	S (VOLUME U	JNKNOWN)			
		Sample Type			Normal Sample			
		Sample Id	PAV-SB045-71003		PAV-SB045-40001		PAV-SB045-70001	
		Depth - ft bgs	9 - 11		0 - 1		2 - 4	
		Collected Date	09/04/98		09/04/98		09/04/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	ntal Consultant	Civil & Environmen	tal Consultant:
		Result Units	MG/KG		MG/KG		MG/KG	_
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB045-70002		PAV-SB045-70003		PAV-SB046-40001	
		Depth - ft bgs	4 - 6		9 - 11		0 - 1	
		Collected Date	09/04/98		09/04/98		09/08/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultants	Civil & Environmen	tal Consultant	0 - 1 09/08/98 RECRA nt Civil & Environmental Co	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	0.008		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB045-70002		PAV-SB045-70003		PAV-SB046-40001	
		Depth - ft bgs	4 - 6		9 - 11		0 - 1	
		Collected Date	09/04/98		09/04/98		09/08/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB046-70001		PAV-SB046-70002		PAV-SB046-70003	
		Depth - ft bgs	2 - 4		4 - 6		9 - 11	
		Collected Date	09/08/98		09/08/98		09/08/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultan	t: Civil & Environmen	ntal Consultant	Civil & Environmer	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		0.096		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB046-70001		PAV-SB046-70002		PAV-SB046-70003	
		Depth - ft bgs	2 - 4		4 - 6		9 - 11	
		Collected Date	09/08/98		09/08/98		09/08/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units MG/KG MG/KG MG/KG					MG/KG	_
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA	32					
		PRA Description	FORMER MFG. GA	SOLINE PLA	NT ABSORBERS			
		Sample Type	Normal Sample					
		Sample Id	PAV-SB047-40001		PAV-SB047-70001		PAV-SB047-70002	
		Depth - ft bgs	0 - 1		2 - 4		4 - 6	
		Collected Date	09/09/98		09/09/98		09/09/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant	Civil & Environmer	ntal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA	32					
		PRA Description	FORMER MFG. GA	ASOLINE PLA	NT ABSORBERS			
		Sample Type	Normal Sample					
		Sample Id	PAV-SB047-40001		PAV-SB047-70001		PAV-SB047-70002	
		Depth - ft bgs	0 - 1		2 - 4		4 - 6	
		Collected Date	09/09/98		09/09/98		09/09/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultant	Civil & Environmen	ntal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.08′	7					
	BENZO(G,H,I)PERYLENE	2300)					
	INDENO(1,2,3-CD)PYRENE	.8′	7					
P/PCB	AROCLOR-1254		1 ND		ND		ND	
	AROCLOR-1260		1 ND		ND		ND	
METAL	BARIUM, TOTAL	5500)					
	BERYLLIUM, TOTAL	160)					
	CADMIUM, TOTAL	39	9					
	CHROMIUM, TOTAL	230)					
	LEAD, TOTAL	400)					
	NICKEL, TOTAL	1600)					
	SILVER, TOTAL	390)					
	MERCURY, TOTAL	20)					
	ARSENIC, TOTAL	.43	3					

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA Description						
		Sample Type						
		Sample Id	PAV-SB047-70003		PAV-SB048-40001		PAV-SB048-70001	
		Depth - ft bgs	9 - 11		0 - 1		2 - 4	
		Collected Date	09/09/98		09/09/98		09/09/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB047-70003		PAV-SB048-40001		PAV-SB048-70001	
		Depth - ft bgs	9 - 11		0 - 1		2 - 4	
		Collected Date	09/09/98		09/09/98		09/09/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	tal Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant:
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA			33			
		PRA Description			FORMER MFG. G	ASOLINE PLA	ANT BUILDINGS	
		Sample Type			Normal Sample			
		Sample Id	PAV-SB048-70002		PAV-SB049-40001		PAV-SB049-70001	
		Depth - ft bgs	4 - 6		0 - 1		2 - 4	
		Collected Date	09/09/98		09/09/98		09/09/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultan	t: Civil & Environmen	tal Consultant	Civil & Environmer	ital Consultant:
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		0.008		ND	
	ETHYLBENZENE	7800	0.026		ND		ND	
	XYLENE (TOTAL)	160000	0.075		ND		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA			33			
		PRA Description			FORMER MFG. G	ASOLINE PLA	ANT BUILDINGS	
		Sample Type			Normal Sample			
		Sample Id	PAV-SB048-70002		PAV-SB049-40001		PAV-SB049-70001	
		Depth - ft bgs	4 - 6		0 - 1		2 - 4	
		Collected Date	09/09/98		09/09/98		09/09/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultants	Civil & Environmen	ntal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.08	7					
	BENZO(G,H,I)PERYLENE	230	0					
	INDENO(1,2,3-CD)PYRENE	.8	7					
P/PCB	AROCLOR-1254		1 ND		ND		ND	
	AROCLOR-1260		1 ND		ND		ND	
METAL	BARIUM, TOTAL	550	0					
	BERYLLIUM, TOTAL	16	0					
	CADMIUM, TOTAL	39	9					
	CHROMIUM, TOTAL	230	0					
	LEAD, TOTAL	40	0					
	NICKEL, TOTAL	160	0					
	SILVER, TOTAL	39	0					
	MERCURY, TOTAL	2	0					
	ARSENIC, TOTAL	.4	3					

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB049-70002		PAV-SB050-40001		PAV-SB050-70001	
		Depth - ft bgs	4 - 6		0 - 1		2 - 4	
		Collected Date	09/09/98		09/09/98		09/09/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultan	Civil & Environmen	ntal Consultant	Civil & Environmer	ital Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		0.007		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		0.013		ND	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						1
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB049-70002		PAV-SB050-40001		PAV-SB050-70001	
		Depth - ft bgs	4 - 6		0 - 1		2 - 4	
		Collected Date	09/09/98		09/09/98		09/09/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultant	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units			MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB050-70002		PAV-SB051-40001		PAV-SB051-70001	
		Depth - ft bgs	4 - 6		0 - 1		2 - 4	
		Collected Date	09/09/98		09/09/98		09/09/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultants	Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		0.016	
	XYLENE (TOTAL)	160000	ND		ND		0.067	
	ACETONE	7800						
	2-BUTANONE	47000						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	87						
	BENZO(K)FLUORANTHENE	8.7						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB050-70002		PAV-SB051-40001		PAV-SB051-70001	
		Depth - ft bgs	4 - 6		0 - 1		2 - 4	
		Collected Date	09/09/98		09/09/98		09/09/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultan	t: Civil & Environmen	tal Consultant	Civil & Environmen	tal Consultant
		Result Units			MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
	BENZO(A)PYRENE	.087						
	BENZO(G,H,I)PERYLENE	2300						
	INDENO(1,2,3-CD)PYRENE	.87						
P/PCB	AROCLOR-1254	1	ND		ND		ND	
	AROCLOR-1260	1	ND		ND		ND	
METAL	BARIUM, TOTAL	5500						
	BERYLLIUM, TOTAL	160						
	CADMIUM, TOTAL	39						
	CHROMIUM, TOTAL	230						
	LEAD, TOTAL	400						
	NICKEL, TOTAL	1600						
	SILVER, TOTAL	390						
	MERCURY, TOTAL	20						
	ARSENIC, TOTAL	.43						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA		
		PRA Description		
		Sample Type		
		Sample Id	PAV-SB051-70002	
		Depth - ft bgs	4 - 6	
		Collected Date	09/09/98	
		Laboratory	RECRA	
		Sample Collector	Civil & Environment	al Consultant
		Result Units	MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*
VOA	BENZENE	12	ND	
	TOLUENE	16000	ND	
	ETHYLBENZENE	7800	0.012	
	XYLENE (TOTAL)	160000	ND	
	ACETONE	7800		
	2-BUTANONE	47000		
BNA	NAPHTHALENE	1600		
	ACENAPHTHENE	4700		
	FLUORENE	3100		
	PHENANTHRENE	23000		
	ANTHRACENE	23000		
	FLUORANTHENE	3100		
	PYRENE	2300		
	BENZO(A)ANTHRACENE	.87		
	BENZO(B)FLUORANTHENE	.87		
	CHRYSENE	87		
	BENZO(K)FLUORANTHENE	8.7		

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA		
		PRA Description		
		Sample Type		
		Sample Id	PAV-SB051-70002	
		Depth - ft bgs	4 - 6	
		Collected Date	09/09/98	
		Laboratory	RECRA	
		Sample Collector	Civil & Environment	al Consultant
		Result Units	MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*
	BENZO(A)PYRENE	.087		
	BENZO(G,H,I)PERYLENE	2300		
	INDENO(1,2,3-CD)PYRENE	.87		
P/PCB	AROCLOR-1254	1	ND	
	AROCLOR-1260	1	ND	
METAL	BARIUM, TOTAL	5500		
	BERYLLIUM, TOTAL	160		
	CADMIUM, TOTAL	39		
	CHROMIUM, TOTAL	230		
	LEAD, TOTAL	400		
	NICKEL, TOTAL	1600		
	SILVER, TOTAL	390		
	MERCURY, TOTAL	20		
	ARSENIC, TOTAL	.43		

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA	36							
		PRA Description	AUXILIARY BUILD	ING-CONCR	RETE FLOOR					
		Sample Type	Field Duplicate (Rep))	Normal Sample					
		Sample Id	PAV-ACH010-81001		PAV-ACH001-80001		PAV-ACH002-80001			
		Depth - ft bgs	0 - 0		0 - 0		0 - 0			
		Collected Date	03/21/00		03/21/00		03/21/00			
		Laboratory	CT&E		СТ&Е		CT&E			
		Sample Collector	Environmental Resou	rce Managem	Environmental Resou	rce Managem	Environmental Resou	rce Managem		
		Result Units	MG/KG		MG/KG		MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*		
P/PCB	AROCLOR-1242	1	ND		ND		0.51			
	AROCLOR-1254	1	0.26		4.7 J	X	1.4	X		
	AROCLOR-1260	1	ND		ND		0.44			

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-ACH003-80001		PAV-ACH004-80001		PAV-ACH005-80001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	03/21/00		03/21/00		03/21/00	
		Laboratory	CT&E		CT&E		CT&E	
		Sample Collector	Environmental Resou	ırce Managem	Environmental Resou	ırce Managen	Environmental Resou	ırce Managem
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	0.13		ND		ND	
	AROCLOR-1254	1	0.53		0.88		0.47	
	AROCLOR-1260	1	0.19		ND		ND	

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-ACH006-80001		PAV-ACH007-80001		PAV-ACH008-80001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	03/21/00		03/21/00		03/21/00	
		Laboratory	CT&E		CT&E		CT&E	
		Sample Collector	Environmental Resou	ırce Managen	Environmental Resor	ırce Managen	Environmental Resou	ırce Managem
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1254	1	0.71		0.48		0.92	
	AROCLOR-1260	1	ND		ND		ND	

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-ACH009-80001		PAV-ACH010-80001		PAV-ACH011-80001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	03/21/00		03/21/00		03/21/00	
		Laboratory	CT&E		CT&E		CT&E	
		Sample Collector	Environmental Resou	ırce Managen	Environmental Resou	ırce Managen	Environmental Resou	ırce Managem
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1254	1	2.1	X	0.24		3.4	X
	AROCLOR-1260	1	ND		ND		ND	

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-ACH012-80001		PAV-ACO001-80001		PAV-ACO001-80002	
		Depth - ft bgs	0 - 0		0 - 0.021		0.031 - 0.052	
		Collected Date	03/21/00		03/21/00		03/21/00	
		Laboratory	CT&E		CT&E		CT&E	
		Sample Collector	Environmental Resou	ırce Managen	Environmental Resou	ırce Managen	Environmental Resou	ırce Managem
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1254	1	2.0	X	0.53		ND	
	AROCLOR-1260	1	ND		ND		ND	

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: April 17, 2001

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-ACO001-80003		PAV-ACO002-80001		PAV-ACO002-80002	
		Depth - ft bgs	0.063 - 0.083		0 - 0.021		0.031 - 0.052	
		Collected Date	03/21/00		03/21/00		03/21/00	
		Laboratory	CT&E		СТ&Е		СТ&Е	
		Sample Collector	Environmental Resou	ırce Managem	Environmental Resou	rce Managem	Environmental Resor	ırce Managem
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1254	1	ND		0.48		0.17	
	AROCLOR-1260	1	ND		ND		ND	

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-ACO002-80003		PAV-ACO003-80001		PAV-ACO003-80002	
		Depth - ft bgs	0.063 - 0.083		0 - 0.021		0.031 - 0.052	
		Collected Date	03/21/00		03/21/00		03/21/00	
		Laboratory	СТ&Е		СТ&Е		СТ&Е	
		Sample Collector	Environmental Resou	rce Managem	Environmental Resou	rce Managem	Environmental Resou	rce Managem
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1254	1	0.69		1.0		ND	
	AROCLOR-1260	1	ND		ND		ND	

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

Table 4-3
Summary of Analytical Results

		PRA			37				
		PRA Description			COMPRESSOR BUI	LDING TOP	FLOOR-CONCRETI	E FLOOR	
		Sample Type			Normal Sample				
		Sample Id	PAV-ACO003-80003		PAV-ACH013-80001		PAV-ACH014-80001		
		Depth - ft bgs	0.063 - 0.083		0 - 0		0 - 0		
		Collected Date	03/21/00		03/22/00		03/22/00		
		Laboratory	CT&E		СТ&Е		СТ&Е		
		Sample Collector	Environmental Resou	ırce Managem	Environmental Resou	rce Managem	Environmental Resou	ırce Managem	
		Result Units	MG/KG		MG/KG		MG/KG	_	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
P/PCB	AROCLOR-1242	1	ND		ND		ND		
	AROCLOR-1254	1	ND		0.17		0.076		
	AROCLOR-1260	1	ND		ND		ND		

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-ACH015-80001		PAV-ACH016-80001		PAV-ACH017-80001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	03/22/00		03/22/00		03/22/00	
		Laboratory	CT&E		СТ&Е		СТ&Е	
		Sample Collector	Environmental Resou	rce Managem	Environmental Resou	irce Managem	Environmental Resou	ırce Managem
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	ND		0.078		ND	
	AROCLOR-1254	1	0.25		0.35		0.52	
	AROCLOR-1260	1	ND		ND		ND	

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-ACH018-80001		PAV-ACH019-80001		PAV-ACH020-80001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	03/22/00		03/22/00		03/22/00	
		Laboratory	CT&E		CT&E		CT&E	
		Sample Collector	Environmental Resou	ırce Managem	Environmental Resou	ırce Managen	Environmental Resou	ırce Managem
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1254	1	0.34		0.85		0.21	
	AROCLOR-1260	1	ND		ND		ND	

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-ACH021-80001		PAV-ACO004-80001		PAV-ACO004-80002	
		Depth - ft bgs	0 - 0		0 - 0.021		0.031 - 0.052	
		Collected Date	03/22/00		03/22/00		03/22/00	
		Laboratory	CT&E		CT&E		CT&E	
		Sample Collector	Environmental Resou	ırce Managem	Environmental Resou	ırce Managen	Environmental Resou	ırce Managem
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1254	1	0.31		0.12		ND	
	AROCLOR-1260	1	ND		ND		ND	

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-ACO004-80003		PAV-ACO005-80001		PAV-ACO005-80002	
		Depth - ft bgs	0.063 - 0.083		0 - 0.021		0.031 - 0.052	
		Collected Date	03/22/00		03/22/00		03/22/00	
		Laboratory	CT&E		СТ&Е		CT&E	
		Sample Collector	Environmental Resou	ırce Managen	Environmental Resou	ırce Managen	Environmental Resou	ırce Managem
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1254	1	ND		0.035		ND	
	AROCLOR-1260	1	ND		ND		ND	

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-ACO005-80003		PAV-ACO006-80001		PAV-ACO006-80002	
		Depth - ft bgs	0.063 - 0.083		0 - 0.021		0.031 - 0.052	
		Collected Date	03/22/00		03/22/00		03/22/00	
		Laboratory	CT&E		СТ&Е		СТ&Е	
		Sample Collector	Environmental Resou	rce Managem	Environmental Resou	rce Managem	Environmental Resou	ırce Managem
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1254	1	ND		1.5	X	0.067	
	AROCLOR-1260	1	ND		ND		ND	

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

Table 4-3
Summary of Analytical Results

		PRA			38			
		PRA Description			STATION OFFICE I	BUILDING-C	ONCRETE FLOOR	
		Sample Type			Field Duplicate (Rep)	Normal Sample	
		Sample Id	PAV-ACO006-80003		PAV-ACH026-81001		PAV-ACH025-80001	
		Depth - ft bgs	0.063 - 0.083		0 - 0		0 - 0	
		Collected Date	03/22/00		03/23/00		03/23/00	
		Laboratory	CT&E		СТ&Е		CT&E	
		Sample Collector	Environmental Resou	ırce Managem	Environmental Resou	rce Managem	Environmental Reso	urce Managem
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	ND		ND		0.095 J	
	AROCLOR-1254	1	ND		0.52 J		0.27 J	
	AROCLOR-1260	1	ND		ND		ND	

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-ACH026-80001		PAV-ACH027-80001		PAV-ACH028-80001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	03/23/00		03/23/00		03/23/00	
		Laboratory	СТ&Е		СТ&Е		СТ&Е	
		Sample Collector	Environmental Resou	rce Managem	Environmental Resou	rce Managem	Environmental Resou	rce Managem
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1254	1	0.29 J		0.095		ND	
	AROCLOR-1260	1	ND		ND		ND	

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-ACH029-80001		PAV-ACH030-80001		PAV-ACH031-80001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	03/23/00		03/23/00		03/23/00	
		Laboratory	CT&E		СТ&Е		CT&E	
		Sample Collector	Environmental Resou	rce Managem	Environmental Resou	rce Managem	Environmental Resou	ırce Managem
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1254	1	0.20		ND		0.044	
	AROCLOR-1260	1	ND		ND		ND	

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-ACO007-80001		PAV-ACO007-80002		PAV-ACO007-80003	
		Depth - ft bgs	0 - 0.021		0.031 - 0.052		0.063 - 0.083	
		Collected Date	03/23/00		03/23/00		03/22/00	
		Laboratory	СТ&Е		СТ&Е		СТ&Е	
		Sample Collector	Environmental Resou	rce Managem	Environmental Resou	rce Managem	Environmental Resou	rce Managem
		Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1242	1	ND		ND		ND	
	AROCLOR-1254	1	0.036		ND		ND	
	AROCLOR-1260	1	ND	•	ND		ND	

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: April 17, 2001

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

Table 4-3
Summary of Analytical Results

		PRA	39						
		PRA Description	COMPRESSOR BUI	LDING BASE	EMENT-CONCRETE	FLOOR			
		Sample Type	Normal Sample						
		Sample Id	PAV-ACH022-80001		PAV-ACH023-80001		PAV-ACH024-80001		
		Depth - ft bgs	0 - 0 0 - 0						
		Collected Date	03/22/00 03/22/00 03/22/00						
		Laboratory	CT&E CT&E CT&E						
		Sample Collector	Environmental Resou	ırce Managem	Environmental Resou	rce Managem	Environmental Resou	rce Managem	
		Result Units	MG/KG		MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*	
P/PCB	AROCLOR-1242	1	ND		ND		ND		
	AROCLOR-1254	1	0.57		0.054		0.40		
	AROCLOR-1260	1	ND		ND		ND		

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

Table 4-3
Summary of Analytical Results

		PRA	34					
		PRA Description	AUXILIARY BUILD	ING-CRANE	MOTOR, AIR COM	PRESSOR PE	DESTAL, WALLS, FI	LOOR
		Sample Type	Normal Sample					
		Sample Id	PAV-WP002-90001 PAV-WP003-90001 PAV-WP004-90001					
		Depth - ft bgs	0 - 0 0 - 0					
		Collected Date	09/15/98 09/15/98 09/15/98					
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmenta	al Consultant	Civil & Environmenta	al Consultant	Civil & Environmenta	al Consultant:
		Result Units	UG/WIPE		UG/WIPE		UG/WIPE	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1254	10	4.3		ND		34	X

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

Table 4-3
Summary of Analytical Results

		PRA	35			
		PRA Description	COMPRESSOR BUIL	LDING FLOC	OR AND DRAINLINE	SYSTEM
		Sample Type	Normal Sample			
		Sample Id	PAV-WP005-90001		PAV-WP006-90001	
		Depth - ft bgs	0 - 0		0 - 0	
		Collected Date	09/15/98		09/15/98	
		Laboratory	RECRA		RECRA	
		Sample Collector	Civil & Environmenta	al Consultant	Civil & Environment	al Consultant:
		Result Units	UG/WIPE		UG/WIPE	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1254	10	ND		3.3	

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

Table 4-3
Summary of Analytical Results

		PRA	40					
		PRA Description	COMPRESSOR BUIL	LDING BASE	MENT-CONCRETE	WALLS		
		Sample Type	Normal Sample					
		Sample Id	PAV-AWP001-80001 PAV-AWP002-80001 PAV-AWP003-80001					
		Depth - ft bgs	0 - 0 0 - 0					
		Collected Date	03/22/00 03/22/00 03/22/00				03/22/00	
		Laboratory	CT&E		CT&E		CT&E	
		Sample Collector	Environmental Resou	rce Managem	Environmental Resou	rce Managem	Environmental Resou	rce Managem
		Result Units	UG/WIPE		UG/WIPE		UG/WIPE	
Category	Analyte	Action Level	Result Flag > CAL* Result Flag > CAL* Result Flag >		> CAL*			
P/PCB	AROCLOR-1254	10	ND	•	ND	•	ND	

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

Table 4-3
Summary of Analytical Results

		PRA				
		PRA Description				
		Sample Type				
		Sample Id	PAV-AWP004-80001		PAV-AWP005-80001	
		Depth - ft bgs	0 - 0		0 - 0	
		Collected Date	03/22/00		03/22/00	
		Laboratory	CT&E		CT&E	
		Sample Collector	Environmental Resou	rce Managem	Environmental Resou	rce Managem
		Result Units	UG/WIPE		UG/WIPE	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*
P/PCB	AROCLOR-1254	10	1.8		ND	

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

Table 4-3 Summary of Analytical Results

PR A

		PRA	5				12	
		PRA Description	5000-GALLON FO	RMER PIPELI	NE LIQUIDS AT		FORMER COOLIN	G POND
		Sample Type	Normal Sample				Normal Sample	
		Sample Id	PAV-SU003-60001		PAV-SU004-60001		PAV-SB025-60001	
		Depth - ft bgs	5 - 6		0 - 0		0 - 10	
		Collected Date	09/02/98		09/02/98		09/01/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultants	Civil & Environmen	tal Consultants	Civil & Environmen	tal Consultants
		Result Units	UG/L		UG/L		UG/L	
BNA	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	1000	ND		ND		ND	
BNA	PHENANTHRENE	1800					ND	
P/PCB	AROCLOR-1016	.5	ND		ND		ND	
	AROCLOR-1221	.5	ND		ND		ND	
	AROCLOR-1232	.5	ND		ND		ND	
	AROCLOR-1242	.5	ND		ND		ND	
	AROCLOR-1248	.5	ND		ND		ND	
	AROCLOR-1254	.5	0.64 J	X	ND		ND	
	AROCLOR-1260	.5	ND		ND		ND	
METAL	BARIUM, TOTAL	2000					ND	
	CADMIUM, TOTAL	5					12.0	X
	CHROMIUM, TOTAL	100					17.0	
	LEAD, TOTAL	15					120	X
	NICKEL, TOTAL	100					45.0	
	MERCURY, TOTAL	2					ND	
	ARSENIC, TOTAL	50					15.0	

Notes:

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-SB026-60001		PAV-SB027-60001		PAV-SB028-60001	
		Depth - ft bgs	0 - 10		0 - 10		0 - 10	
		Collected Date	09/01/98		09/01/98		09/02/98 RECRA	
		Laboratory	RECRA		RECRA			
		Sample Collector	Civil & Environment	al Consultants	Civil & Environmen	tal Consultants	Civil & Environmen	tal Consultants
		Result Units	UG/L		UG/L		UG/L	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	1000	ND		ND		ND	
BNA	PHENANTHRENE	1800	ND		ND		ND	
P/PCB	AROCLOR-1016	.5	ND		ND		ND	
	AROCLOR-1221	.5	ND		ND		ND	
	AROCLOR-1232	.5	ND		ND		ND	
	AROCLOR-1242	.5	ND		ND		ND	
	AROCLOR-1248	.5	ND		ND		ND	
	AROCLOR-1254	.5	ND		ND		ND	
	AROCLOR-1260	.5	ND		ND		ND	
METAL	BARIUM, TOTAL	2000	280		360		550	
	CADMIUM, TOTAL	5	11.0	X	18.0	X	ND	
	CHROMIUM, TOTAL	100	ND		ND		ND	
	LEAD, TOTAL	15	35.0	X	34.0	X	26.0	X
	NICKEL, TOTAL	100	42.0		ND		75.0	
	MERCURY, TOTAL	2	ND		ND		ND	
	ARSENIC, TOTAL	50	14.0		50.0		14.0	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

13

PRA

		1101			13		1.	
		PRA Description			FORMER SKIMMI	ER BASIN BUI	POND	
		Sample Type			Normal Sample		Field Duplicate (Rep))
		Sample Id	PAV-SB029-60001		PAV-SB001-60001		PAV-SW002-21001	
		Depth - ft bgs	0 - 10		0 - 10		0 - 0	
		Collected Date	09/02/98		08/27/98		09/03/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environmen	tal Consultants	Civil & Environmen	tal Consultants	Civil & Environmen	tal Consultants
		Result Units	UG/L UG/L			UG/L		
Category	TOLUENE PHENANTHRENE AROCLOR-1016 AROCLOR-1221 AROCLOR-1232 AROCLOR-1242 AROCLOR-1248	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	1000	ND		8 J		ND	
BNA	PHENANTHRENE	1800	ND		12		ND	
P/PCB	AROCLOR-1016	.5	ND				ND	
	AROCLOR-1221	.5	ND				ND	
	AROCLOR-1232	.5	ND				ND	
	AROCLOR-1242	.5	ND				ND	
	AROCLOR-1248	.5	ND				ND	
	AROCLOR-1254	.5	ND				ND	
	AROCLOR-1260	.5	ND				ND	
METAL	BARIUM, TOTAL	2000	880		1200		ND	
	CADMIUM, TOTAL	5	ND		75.0	X	ND	
	CHROMIUM, TOTAL	100	ND		25.0		ND	
	LEAD, TOTAL	15	6.8		100	X	ND	
	NICKEL, TOTAL	100	56.0		68.0		ND	
	MERCURY, TOTAL	2	ND		0.53		ND	
	ARSENIC, TOTAL	50	42.0		61.0	X	ND	

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

14

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

PRA

		1101						
		PRA Description					FORMER DRAINA	GE CHANNEL
		Sample Type	Normal Sample				Normal Sample	
		Sample Id	PAV-SW001-20001		PAV-SW002-20001		PAV-SB011-60001	
		Depth - ft bgs	0 - 0		0 - 0		Formal Sample PAV-SB011-60001 - 10 8/31/98 RECRA Civil & Environment	
		Collected Date	09/03/98		09/03/98		08/31/98	
		Laboratory	RECRA		RECRA		RECRA	
		Sample Collector	Civil & Environment	tal Consultants	Civil & Environmen	tal Consultants	Civil & Environmen	tal Consultants
		Result Units	UG/L		UG/L		UG/L	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	1000	ND		ND		ND	
BNA	PHENANTHRENE	1800	ND		ND		ND	
P/PCB	AROCLOR-1016	.5	ND		ND			
	AROCLOR-1221	.5	ND		ND			
	AROCLOR-1232	.5	ND		ND			
	AROCLOR-1242	.5	ND		ND			
	AROCLOR-1248	.5	ND		ND			
	AROCLOR-1254	.5	ND		ND			
	AROCLOR-1260	.5	ND		ND			
METAL	BARIUM, TOTAL	2000	ND		ND			
	CADMIUM, TOTAL	5	ND		ND			
	CHROMIUM, TOTAL	100	ND		ND			
	LEAD, TOTAL	15	ND		ND			
	NICKEL, TOTAL	100	ND		ND			
	MERCURY, TOTAL	2	ND		ND			
	ARSENIC, TOTAL	50	ND		ND			

Notes:

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

15

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

PR A

		PRA					28	
		PRA Description	(MANMADE DITC	(H)			WATER WELLS #1	AND #2
		Sample Type					Field Duplicate (Rep)
		Sample Id	PAV-SB012-60001		PAV-SB013-60001		PAV-BMW002-6100)1
		Depth - ft bgs	0 - 10		0 - 10		0 - 0	
		Collected Date	08/31/98		09/01/98		03/23/01	
		Laboratory	RECRA		RECRA		CT&E	
		Sample Collector	Civil & Environmen	tal Consultants	Civil & Environmen	tal Consultants	Civil & Environmen	tal Consultants
		Result Units	UG/L		UG/L		UG/L	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	1000	ND		ND			
BNA	PHENANTHRENE	1800	ND		ND			
P/PCB	AROCLOR-1016	.5	ND		ND			
	AROCLOR-1221	.5	ND		ND			
	AROCLOR-1232	.5	ND		ND			
	AROCLOR-1242	.5	ND		ND			
	AROCLOR-1248	.5	ND		ND			
	AROCLOR-1254	.5	ND		ND			
	AROCLOR-1260	.5	ND		ND			
METAL	BARIUM, TOTAL	2000						
	CADMIUM, TOTAL	5						
	CHROMIUM, TOTAL	100						
	LEAD, TOTAL	15					17.0 J	X
	NICKEL, TOTAL	100						
	MERCURY, TOTAL	2						
	ARSENIC, TOTAL	50						

Notes:

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type			Filtered Sample			
		Sample Id	PAV-CPW001-61001		PAV-BMW002-6500)1	PAV-CPW001-65002	1
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	04/04/01		03/23/01		04/04/01	
		Laboratory	SPL Laboratories, In	c.	СТ&Е		SPL Laboratories, In	ıc.
		Sample Collector	Civil & Environment	al Consultants	Civil & Environmen	tal Consultants	Civil & Environment	tal Consultants
		Result Units	UG/L		UG/L		UG/L	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	1000						
BNA	PHENANTHRENE	1800						
P/PCB	AROCLOR-1016	.5						
	AROCLOR-1221	.5						
	AROCLOR-1232	.5						
	AROCLOR-1242	.5						
	AROCLOR-1248	.5						
	AROCLOR-1254	.5						
	AROCLOR-1260	.5						
METAL	BARIUM, TOTAL	2000						
	CADMIUM, TOTAL	5						
	CHROMIUM, TOTAL	100						
	LEAD, TOTAL	15	ND					
	NICKEL, TOTAL	100						
	MERCURY, TOTAL	2						
	ARSENIC, TOTAL	50						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3
Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type			Normal Sample			
		Sample Id	PAV-CPW002-65001		PAV-BMW002-6000)1	PAV-CPW001-60002	1
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	04/04/01		03/23/01		04/04/01	
		Laboratory	SPL Laboratories, In	с.	СТ&Е		SPL Laboratories, In	nc.
		Sample Collector	Civil & Environment	al Consultants	Civil & Environmen	tal Consultants	Civil & Environment	tal Consultants
		Result Units	UG/L		UG/L		UG/L	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	1000						
BNA	PHENANTHRENE	1800						
P/PCB	AROCLOR-1016	.5						
	AROCLOR-1221	.5						
	AROCLOR-1232	.5						
	AROCLOR-1242	.5						
	AROCLOR-1248	.5						
	AROCLOR-1254	.5						
	AROCLOR-1260	.5						
METAL	BARIUM, TOTAL	2000						
	CADMIUM, TOTAL	5						
	CHROMIUM, TOTAL	100						
	LEAD, TOTAL	15			45.0 J	X	ND	
	NICKEL, TOTAL	100						
	MERCURY, TOTAL	2						
	ARSENIC, TOTAL	50						

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

Table 4-3 Summary of Analytical Results

		PRA						
		PRA Description						
		Sample Type						
		Sample Id	PAV-CPW002-60001		PAV-MW001-60001		PAV-MW002-60001	
		Depth - ft bgs	0 - 0		0 - 0		0 - 0	
		Collected Date	04/04/01		09/10/98		09/10/98	
		Laboratory	SPL Laboratories, In	c.	RECRA		RECRA	
		Sample Collector	Civil & Environment	al Consultants	Civil & Environmen	tal Consultants	Civil & Environmen	tal Consultants
		Result Units	UG/L		UG/L		UG/L	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	TOLUENE	1000			ND		ND	
BNA	PHENANTHRENE	1800			ND		ND	
P/PCB	AROCLOR-1016	.5			ND		ND	
	AROCLOR-1221	.5			ND		ND	
	AROCLOR-1232	.5			ND		ND	
	AROCLOR-1242	.5			ND		ND	
	AROCLOR-1248	.5			ND		ND	
	AROCLOR-1254	.5			ND		ND	
	AROCLOR-1260	.5			ND		ND	
METAL	BARIUM, TOTAL	2000			270		ND	
	CADMIUM, TOTAL	5			ND		ND	
	CHROMIUM, TOTAL	100			ND		ND	
	LEAD, TOTAL	15	ND		ND		17.0	X
	NICKEL, TOTAL	100			ND		ND	
	MERCURY, TOTAL	2			ND		ND	
	ARSENIC, TOTAL	50			ND		26.0	

ND indicates Non-Detect

^{* &}quot;> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

APPENDIX D SOIL BORING LOGS

				-	- Aller - Aller Aller		Columbia Gas Transmission	JOB NO.:	98220	
-	Civil & I	Enviror			ultant	s. In	Pavonia Compressor Station	LOG OF S	B001	
	Cinc 13) 985-022	innati, OH		F	ittsburgh, 3402 • (80	PA		Sheet 1 or	f 1	
	GGED BY						GROUND SURFACE ELEVATION: N/A			
	ILLER: S		e, Inc.	/ 	***************************************		TOP OF CASING ELEVATION: N/A			
DA	TE DRIL	L ED: 08/	27/98	10 to		<i>(1)</i>	INITIAL WATER LEVEL: 8-10 ft. BGS	DATE:	08/27/98	
DR	ILL MET	HOD: Ged	probe		**		STATIC WATER LEVEL: N/A	DATE:	10.00	
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description			
-	2.0	42			-	+ + + + + + + + + + + + + + + + + + +	Medium brown clayey silt, soft, moist (FILL) Black staining to bottom			
- - -	5.0	30			5- - -	+++ +++ +++ +++ +++ +++ +++ +++	Dark gray to black staining, very soft, wet Saturated, very soft			1 1 1
-	3.0	40			- 10-	+ + + + + + + + + + + + + + + + + + +				-
	3.0 40 10-+++ -++ -++ -++ -++ -++						Boring terminated @ 12 feet			
					25-		*			

		Š		77			Columbia Gas Transmission Pavonia Compressor Station	JOB NO.:	98220
C	ivil & l	Enviro	nmenta	al Cons	sultant			LOG OF S	B002
(51	Cinc 13) 985-022	innati, 0H 26 ● (800)	759-5614	(412) 921-	Pittsburgh 3402 • (80	, PA 00) 365-2	Weller Township, Richland County, Ohio	Sheet 1 o	f 1
LO	GGED BY	(b) (4)		SIESE VI		100000	GROUND SURFACE ELEVATION: N/A		
DR	ILLER: S	ubsurfac	e, Inc.				TOP OF CASING ELEVATION: N/A		***
DA	TE DRIL	LED: 08/	28/98				INITIAL WATER LEVEL: 7 ft. BGS	DATE:	08/28/98
DR	ILL MET	HOD: Ged	probe				STATIC WATER LEVEL: N/A	DATE:	
	(mdd) UNH	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description		
	4.0	24			_	+ + + + + + + + + + + +	Brown clayey gravel and crushed rock, slightly stiff, moist to very moist (FILL)		
-	2.0	24	1 (A)		-	+ + + + + + + + + + + + + + +	Same as above, soft, sticky		
-	2.0	24			5- -	+ + + + + + + + + + + + + + + + + + +			
-	2.0	12			-	+++ +++ +++	Sewage-like smell, wet		
-					_		Boring terminated @ 8 feet		
-					10-				-
-					-				
-					1-				-
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			177	75		ASI	Columbia Gas Transmission Pavonia Compressor Station	JOB NO	.: 98220	11 2 2 2 2		
c	ivii & I	Enviror	nmenta	I Cons	sultant	s, Ir	nc.	LOG OF	SB003			
	13) 985-022		759-5614	(412) 921-	Pittsburgh 3402 ● (80	PA 00) 365	-2324 Weller Township, Richland County, Ohio	Sheet 1	of 1			
LO	GGED BY	(b) (4)		- America			GROUND SURFACE ELEVATION: N/A			**********		
DR	ILLER: S	ubsurfac	e, Inc.				TOP OF CASING ELEVATION: N/A					
DA	TE DRIL	L ED: 08/	28/98				INITIAL WATER LEVEL: 6 ft. BGS	DATE: 08/28/98				
DR	ILL MET	HOD: Geo	probe	24111			STATIC WATER LEVEL: N/A	DAT	E:			
	HNU (ppm) Recovery (in.) Blow Counts Elevation MSL (ft.) H++ Graphic Log						Materials Description					
						+ + + + + + + + + + + +	Brown clayey silt, crushed rock and assorted debris, loose (FILL) Cinder block					
-	6.0 20					+++ +++ +++ +++	Same as above, soft, very moist to wet			-		
-	3.5	24	5-4++				Same as above, wet (saturated)			-		
	2.5	N/A			-	++++	Paring targinated 6.0 test			-		
-					10-		Boring terminated @ 8 feet			-		
	9				-					-		
									20	-		
-					15-					-		
					-							
					-					-		
-	20-			20-								
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-		25-										
					1					-		

Г			/===				Columbia Con Transmission		
_							Columbia Gas Transmission Pavonia Compressor Station	JOB NO.: 9	
C						s, Inc.		LOG OF SE	1004
_	3) 985-022		759-5614	(412) 921-	Pittsburgh -3402 ● (80	, PA 00) 365-232	Weller Township, Richland County, Ohio	Sheet 1 of	1
LO	GGED BY	(:(b) (4)			0110-11-12-17		GROUND SURFACE ELEVATION: N/A		1000
DR	ILLER: S	ubsurfac	e, Inc.				TOP OF CASING ELEVATION: N/A		
DA	TE DRIL	LED: 08/	/28/98	38.31.31.22.24.13.1			INITIAL WATER LEVEL: 8 ft. BGS	DATE:	08/28/98
DR	ILL MET	HOD: Ged	oprobe				STATIC WATER LEVEL: N/A	DATE:	
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description		
	2.8	24			-		Brown silty clay, crushed rock, and debris, soft, moist (FILL) Same as above, less debris		
-	1.5	24			-	+ + + + + + + + + + + +	Same as above, very moist to wet		-
-	1.0	24			5-	+ + + + + + + + + + + +	Same as above		-
-	0.5	12			-	+ + + + + + + + + + + + + + + + + + +	Gray silty CLAY (CL), soft, wet (saturated),		-
-	11.0	24		71.0	10-		sticky		
					10-		Boring terminated @ 10		

Г				,,,,,,,,,			Columbia Can Transmission							
_				<i>7 </i>			Columbia Gas Transmission Pavonia Compressor Station	JOB N						
0	ivil &	Enviro	nmenta	al Cons	sultant Pittsburgh	s, In	>.	LOG C	F SB	005				
(5	13) 985-02	26 ● (800)	759-5614	(412) 921-	3402 ● (80	, PA 00) 365-2	Weller Township, Richland County, Ohio	Sheet	1 of	1				
LO	GGED BY	(: <mark>(b) (4)</mark>					GROUND SURFACE ELEVATION: N/A							
DR	ILLER: 9	Subsurfac	ce, Inc.				TOP OF CASING ELEVATION: N/A							
DA	DATE DRILLED: 08/26/98						INITIAL WATER LEVEL: N/A	DA	TE:					
DR	DRILL METHOD: Geoprobe						STATIC WATER LEVEL: N/A	DA	TE:					
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description							
-	1.0	36			-	+ + + + + + + + + + + + + + + + + + +	Brown silt, clay, and crushed rock gravel; (FILL); moist to wet at bottom of interval							
	2.0	20			5-	+++	Dark gray to black staining							
-					_	+ + + + + + +	Dark gray (stained) silty CLAY (CL); very moist							
- - -	1.8	36			- - 10-		to very wet; very soft							
-	1.8	36			-		Boring terminated at 14' BGS				-			
-					15 — - -		boring terminated at 14 BGS				-			
					25-						-			

Γ			///-//				Columbia Gas Transmission	JOB NO.: 9	8220					
=	IIVII & F	Enviro	omenta	_	ultant	s, Inc.	Pavonia Compressor Station	LOG OF SE	3006					
	Cinc 13) 985-022	innati, OH		F	Pittsburgh			Sheet 1 of	1					
ro	GGED BY	(b) (4)					GROUND SURFACE ELEVATION: N/A	the second second second second						
_	ILLER: S			1000000			TOP OF CASING ELEVATION: N/A							
DA	TE DRIL	LED: 08/	26/98			Webs A.	INITIAL WATER LEVEL: N/A							
DR	ILL MET	HOD: Ged	probe		7	o managa a tarahiya	STATIC WATER LEVEL: N/A	DATE:						
	(mdd) NNH	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description							
	3.0	48			-		Light brown clay and silt with crushed rock (FILL); very stiff, moist		-					
-	4.0	48			5-	+++ ++ -//	Black silty CLAY (CL); highly stained; soft; very moist							
	17.0	36			10-		Dark gray silty CLAY (CL); grades to light gray; stiff, very moist to saturated							
-	5.0		= 3		-		same as above; saturated							
					- 15-		Gray SAND (SP); loose; saturated Boring terminated at 16' BGS							
					20-									

				47			Columbia Gas Transmission Pavonia Compressor Station	JOB NO.: 98220	
7	Sivil &	Enviro	nment	al Con:	sultant	s, Inc.	. avoing compressor station	LOG OF SB007	
(5	Cinc (13) 985-02	innati, OH 26 ● (800)	1 759-5614	(412) 921-	Pittsburgh -3402 • (8	, PA 00) 385-2324	Weller Township, Richland County, Ohio	Sheet 1 of 1	î.
LO	GGED B	(b) (4)					GROUND SURFACE ELEVATION: N/A		
DF	RILLER: S	Subsurfac	ce, Inc.				TOP OF CASING ELEVATION: N/A		
DA	TE DRIL	LED: 08	/26/98			- HIPSH	INITIAL WATER LEVEL: 6 ft. BGS	DATE: 08/26/98	В
DF	DRILL METHOD: Geoprobe						STATIC WATER LEVEL: N/A	DATE:	
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description		
-	3.0	36			-	英	Brown silty clay and crushed rock, medium loose, moist, stiff from 1 to 3 feet (FILL)		
-	3.0	42			5-	+++	Gray sandy GRAVEL (GP), loose, wet Dark gray clayey SILT (ML), soft, stained Dark gray SAND (SP) and GRAVEL (GP), loose, wet, stained		1 1 1
-	N/A	48			10-		Dark gray clayey SILT (ML), soft, wet, stiffening w/ depth, stained		
ŀ					-		Boring terminated @ 12 feet		
- - -					- 15- - -				
-					20-				
					25- - -				-

Г				===/			Columbia Gas Transmission	JOB NO.: 98	8220
1	IVII & F	/	omenta	al Cons	ultant	s Inc	Pavonia Compressor Station	LOG OF SB	1008
ı	Cinc	innati, 0H		P	ittsburgh 3402 • (80	PA	1	Sheet 1 of	1
LO	GGED BY	(b) (4)		•	510351511		GROUND SURFACE ELEVATION: N/A		
_		ubsurfac				7.00	TOP OF CASING ELEVATION: N/A		
DA	TE DRIL	LED: 08/	26/98				INITIAL WATER LEVEL: 7.5 ft. BGS	DATE:	08/26/98
DR	ILL METI	HOD: Ged	probe				STATIC WATER LEVEL: N/A	DATE:	-1107 No120
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description		
-	3.0	44			-		Brown silty clay and crushed rock, stiff, moist (FILL) Black staining	*	
	1.5	24			5- - -	+ + + + + + + + + + + + + + + + + + +	Wet (saturated) - Dark gray to black sandy GRAVEL (GP), loose,		
-	3.0	36			10 <i>-</i>	000	wet Dark gray to black salldy GRAVEL (GF), loose, wet (saturated)		-
	3.0	48			- - 15 –		Dark gray medium well-sorted SAND (SP), loose, wet (saturated)		
					20- - - - - 25-		Boring terminated @ 16 feet		

				7/7			Columbia Gas Transmission Pavonia Compressor Station	JOB NO.: 982	20
c					sultant			LOG OF SBOO)9
	13) 985-022		759-5614	(412) 921-	Pittsburgh 3402 ● (80	, PA 00) 365-23	Weller Township, Richland County, Ohio	Sheet 1 of 1	
LO	GGED BY	(b) (4)				1000	GROUND SURFACE ELEVATION: N/A		
DR	ILLER: S	ubsurfac	e, Inc.	- LAIRES			TOP OF CASING ELEVATION: N/A		
DA	TE DRIL	L ED: 08/	27/98				INITIAL WATER LEVEL: 6 ft. BGS	DATE: 08	/27/98
DR	ILL METI	HOD: Ged	probe				STATIC WATER LEVEL: N/A	DATE:	
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description		
	1.5	24	3		-		Gravel and crushed rock, loose, slightly moist (FILL) Dark gray to black stained CLAY (CL), very soft, very moist to wet		-
-	1.5	20	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		5-		Same as above, wet, oily material on inside of liner		-
	N/A	18							
			1		-		Boring terminated @ 8 feet		-
					1				-
r					10-				-
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				47			Columbia Gas Transmission Pavonia Compressor Station	JOB NO.: 98220	
2	S livi	Enviro	nment	al Cons		s, Inc.		LOG OF SB010	
(5	Cinc (13) 985-02	innati, 0H 26 ● (800)	 759-5614	(412) 921-	Pittsburgh -3402 ● (80	, PA 00) 365-232	Weller Township, Richland County, Ohio	Sheet 1 of 1	
LO	GGED B	(: (b) (4)					GROUND SURFACE ELEVATION: N/A		
DF	RILLER: S	Subsurfac	ce, Inc.			111111111111111111111111111111111111111	TOP OF CASING ELEVATION: N/A		
DA	TE DRIL	LED: 08/	/28/98				INITIAL WATER LEVEL: N/A	DATE:	
DR	ILL MET	HOD: Ged	oprobe				STATIC WATER LEVEL: N/A	DATE:	
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description		
-	1.5	36			-	+ + + + + + + + + + + + + + + + + + + +	Brown silty clay, crushed rock and gravel, soft, very moist (FILL) Black to bottom		
-	1.0	24			5-	+++	Same as above, becoming gray w/ depth Gray silty CLAY (CL); stiff; very moist		, , ,
	5.0	24			15-20-		Same as above, very stiff Boring terminated @ 10 feet		

				47			Columbia Gas Transmission Pavonia Compressor Station	JOB NO.:	98220
7	S livic	Enviro	nment	al Con	sultant	s, Inc.	Traine compressor station	LOG OF	SB011
	513) 985-022		759-5614	(412) 921-	Pittsburgh -3402 ● (86	, PA 00) 365-232	4 Weller Township, Richland County, Ohio	Sheet 1	of 1
LC	GGED B	Y: (b) (4)					GROUND SURFACE ELEVATION: N/A		
DF	RILLER: S	Subsurfac	ce, Inc.				TOP OF CASING ELEVATION: N/A		
D/	ATE DRIL	LED: 08,	/31/98				INITIAL WATER LEVEL: 4 ft. BGS	DATE	: 08/31/98
DF	RILL MET	HOD: Ge	oprobe				STATIC WATER LEVEL: N/A	DATE	:
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description		
	4.8	40			-	*** *** *** *** *** *** ***	Brown silty clay, crushed rock and gravel, medium stiff, moist (FILL) Black staining (swampy smell)		3 3 2 2
	2.0	40			5- 5- -		Same as above, gray, soft, wet (saturated)		
-	4.2	41			10-	<u>142</u>	Gray well-sorted silty SAND (SM), soft, wet		
-					-		Boring terminated @ 12 feet		
					15- 20- 25-				

					-			
			45			Columbia Gas Transmission Pavonia Compressor Station	JOB NO.: 98	220
Civil &		nmenta	al Cons			Tavellia compressor atation	LOG OF SBO	012
Cinc (513) 985-02	cinnati, OH 26 ● (800)		(412) 921-	Pittsburgh 3402 ● (80	, PA 00) 365-2324	Weller Township, Richland County, Ohio	Sheet 1 of 1	
LOGGED B	(b) (4)					GROUND SURFACE ELEVATION: N/A		
DRILLER: 9	Subsurfac	e, Inc.				TOP OF CASING ELEVATION: N/A		
DATE DRIL	LED: 08/	/31/98				INITIAL WATER LEVEL: 4.5 ft. BGS	DATE: 0	8/31/98
DRILL MET	HOD: Ged	probe				STATIC WATER LEVEL: N/A	DATE:	37.00.02
(mdd) NNH	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description		
- 4.4 - 4.2	40			- - - 5-		Brown to orange sand, crushed rock, medium loose, very moist top 8 inches very stiff (FILL) Same as above Gray stained silty SAND (SP), soft, wet (saturated)		-
				10-		Gray to brown well-sorted SAND (SW), soft to loose, wet (saturated) Boring terminated @ 8 feet		

		10000							
l				45			Columbia Gas Transmission Pavonia Compressor Station	JOB NO.: 9	98220
2	S livi	Enviro	nment	al Con	sultant	s, Inc.	Tavorila Compressor Station	LOG OF S	B013
(5	Cin 13) 985-02	cinnati, 0H 26 ● (800)	1 759-5614	(412) 921-	Pittsburgh -3402 ● (8	, PA 00) 365-2324	Weller Township, Richland County, Ohio	Sheet 1 of	11
LO	GGED B	Y:(b) (4)					GROUND SURFACE ELEVATION: N/A		
DR	ILLER:	Subsurfac	ce, Inc.				TOP OF CASING ELEVATION: N/A		*P
DA	TE DRIL	LED: 09	/01/98				INITIAL WATER LEVEL: 4 ft. BGS	DATE:	09/01/98
DR	ILL MET	'HOD: Ge	oprobe	100 Dittori			STATIC WATER LEVEL: N/A	DATE:	91 S
	(mdd) NNH	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description		
	3.0	42				禁	Brown silty clay w/ gravel, stiff to very stiff, crushed rock, slightly moist to wet at bottom (FILL) Sand content increases, gravel absent		
-					5-	+ + + + + + + + + + + + + + +	Same as above, wet (saturated)		
-	2.8	45					Gray stained silty CLAY (CL)		
					10-		Boring terminated @ 8 feet		

	73-7							_		
	2000			44			Columbia Gas Transmission Pavonia Compressor Station	JOB N	10.: 982	20
Civi	SE	nviro	nmenta	al Con	sultant	s, Inc.		LOG C	F SB01	4
(513) 98	B5-022	nnati, OH 8 ● (800) 1	759-5614	(412) 921-	Pittsburgh -3402 ● (80	, PA 00) 365-2324	Weller Township, Richland County, Ohio	Sheet	1 of 1	
LOGGE	D BY	(b) (4)					GROUND SURFACE ELEVATION: N/A			
DRILLI	ER: S	ubsurfac	e, Inc.				TOP OF CASING ELEVATION: N/A			
DATE	DRILL	.ED:					INITIAL WATER LEVEL: N/A	DA	TE:	
DRILL	METH	IOD: Geo	probe				STATIC WATER LEVEL: N/A	DA	TE:	
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description			
- 1	1.2	46			-	000	GRAVEL (GP) Light brown gray mottled clayey SILT (ML), medium stiff to very stiff, moist			-
	1.6	24			5- 5- 10- 15- 20-		Boring terminated @ 6 feet			

		/===			-	Columbia Con Transmission	T		
			7 <i>5</i>			Columbia Gas Transmission Pavonia Compressor Station	JOB NO.:		
Civil & E	Enviror nnati, OH	nmenta					LOG OF	SB015	
(513) 985-022	8 • (800) 7	759-5614	(412) 921-	Pittsburgh 3402 ● (80	, PA 00) 365-232	Weller Township, Richland County, Ohio	Sheet 1	of 1	
LOGGED BY	(b) (4)		west			GROUND SURFACE ELEVATION: N/A			######################################
DRILLER: S	ubsurfac	e, Inc.	- CANALLY		- 11 - 17 A	TOP OF CASING ELEVATION: N/A			
DATE DRILL	.ED: 09/	03/98				INITIAL WATER LEVEL: N/A	DATE	:	
DRILL METH	IOD: Geo	probe				STATIC WATER LEVEL: N/A	DATE	:	
HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description			
- 3.1	24			-	*	Dark brown sandy gravel, very loose, moist (FILL)			
				-		Refusal @ 2 feet. Boring terminated			-
				5-10-15-20-1					

_			***************************************			-		
				45			Columbia Gas Transmission Pavonia Compressor Station	JOB NO.: 98220
c	ivil & livi	Enviro	nmenta	al Cons	sultant	s, In	c.	LOG OF SB016
(5	Cinc 13) 985-022	innati, 0H 8 ● (800)	 759-5614	(412) 921-	Pittsburgh -3402 • (80	, PA 00) 365-2	Weller Township, Richland County, Ohio	Sheet 1 of 1
LO	GGED BY	(b) (4)				70000	GROUND SURFACE ELEVATION: N/A	almonomo de
DR	ILLER: S	ubsurfac	ce, Inc.	5:22			TOP OF CASING ELEVATION: N/A	
DA	TE DRIL	LED: 09/	/03/98				INITIAL WATER LEVEL: N/A	DATE:
DR	ILL MET	HOD: Ged	oprobe				STATIC WATER LEVEL: N/A	DATE:
	(mdd) NNH	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description	
-	1.8	32			-		Dark brown silty clay, crushed rock, moist (FILL) Light brown gray mottled clayey SILT (ML), moist, stiff to very stiff	
_	14	20			5-		Same as above, no visible staining	
-					-	151	Boring terminated @ 6 feet	-
ŀ					-	1		
ŀ					-			
-					-			
-					10-	1		-
-					-			
-					-			
-					-			-
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H				45	15-			-
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L					20-			
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L					20			
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		1						

7	Civil &	Enviro			sultant	s, Ind		LOG OF SB017	
	Cinc	cinnati. OF	1		Pittsburgh -3402 ● (86	PA		Sheet 1 of 1	
LO	GGED B	Y:(b) (4)					GROUND SURFACE ELEVATION: N/A		# S# Y/RJ
DF	RILLER: S	Subsurfac	ce, Inc.				TOP OF CASING ELEVATION: N/A		
DA	TE DRIL	LED: 09	/03/98				INITIAL WATER LEVEL: N/A	DATE:	
DF	ILL MET	HOD: Ge	oprobe	***			STATIC WATER LEVEL: N/A	DATE:	
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description		
	2.5	36			-		(FILL) Brown to gray clayey SILT (ML), moist, stiff to very stiff, gray mottled		-
-	12.1	24			5-		Same as above	_	-
					15-				
					-				-

				<i>-</i>			Columbia Gas Transmission	JOB NO.: 9	8220
Civi	1 & E		menta	al Cons	ultant	s. In	Pavonia Compressor Station	LOG OF SE	3022
l	Cinci	innati, OH 6 • (800) 7		F	ittsburgh.	PA		Sheet 1 of	1
LOGG	ED BY	(b) (4)					GROUND SURFACE ELEVATION: N/A		30000
DRILL	ER: S	ubsurfac	e, Inc.				TOP OF CASING ELEVATION: N/A		
DATE	DRIL	LED: 09/	15/98				INITIAL WATER LEVEL: N/A	DATE:	
DRILL	METH	10D: Geo	probe				STATIC WATER LEVEL: N/A	DATE:	
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description		
-	8.5	36				+++ +++ +++ +++ +++ +++ +++ +++ +++ ++	Brown silty clay w/ crushed rock, wood debris, soft to medium stiff, moist (FILL) Turns black, gray, olive stained to bottom softening w/ depth	-	-
	1.3	24			5- 10- 15- 20- 25-	+ + + + + + + + + + + + + + + + + + +	Boring terminated @ 6 feet		

	- The C			=/-/			Columbia Gas Transmission	JOB NO.: 98	220
5	l & livi	Enviror	nmenta	ol Cons	ultant	s, In	Pavonia Compressor Station c.	LOG OF SB	023
(5	Cinc 13) 985-022	innati, 0H 6 ● (800) 1	759-5614	(412) 921-	ittsburgh, 3402 ● (80	PA 00) 365-2	Weller Township, Richland County, Ohio	Sheet 1 of	ı
LO	GGED BY	: (b) (4)					GROUND SURFACE ELEVATION: N/A		
DR	ILLER: S	ubsurfac	e, Inc.				TOP OF CASING ELEVATION: N/A		
DA	TE DRIL	L ED: 09/	14/98	V440000 - 415.004	12 480020000		INITIAL WATER LEVEL: N/A	DATE:	
DR	ILL MET	HOD: Ged	probe				STATIC WATER LEVEL: N/A	DATE:	
	(mdd) UNH	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description		
-	0.8	30			-	+++++++++++++++++++++++++++++++++++++++	Brown silty sand and gravel, loose, slightly moist (FILL) Gray silty CLAY (CL), medium stiff, moist No recovery Gray silty CLAY (CL), medium stiff, moist		-
-	1.0	36			5- - -		Boring terminated @ 7 feet		-
					10-				
		¥.			25-				

							Columbia Gas Transmission	JOB NO.: 9822	20
C	vii & iiv	Enviror		al Cons	ultent	s Inc	_ Pavonia Compressor Station	LOG OF SB02	4
	Cinc	innati, OH			ittsburgh,	. PA		Sheet 1 of 1	
LOG	GED BY	(b) (4)					GROUND SURFACE ELEVATION: N/A		
DRI	LLER: S	ubsurfac	e, Inc.				TOP OF CASING ELEVATION: N/A		
DAT	E DRIL	LED: 09/	14/98				INITIAL WATER LEVEL: N/A	DATE:	
DRI	LL METI	HOD: Ged	probe				STATIC WATER LEVEL: N/A	DATE:	
	(mdd) NNH	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description		
	N/A	0			-		Brown sand and gravel, loose, slightly moist (FILL) No recovery		
-	N/A	0			5-	+++++++++++++++++++++++++++++++++++++++	Same as above		-
-	N/A	18			10-	+++++++++++++++++++++++++++++++++++++++	Gray crushed rock layer, loose, slight moisture No recovery Boring terminated @ 11 feet		
					15- 15- 20- - -				

					-				
l				45			Columbia Gas Transmission Pavonia Compressor Station	JOB NO.: 98220	
1	Sivil &	Enviro	nment	al Con		s, Inc.	Tavellia compressor atation	LOG OF SB025	
	513) 985-02		759-5614	(412) 921-	Pittsburgh -3402 • (8	i, PA 00) 365-2324	Weller Township, Richland County, Ohio	Sheet 1 of 1	
LC	GGED B	(b) (4)		100000			GROUND SURFACE ELEVATION: N/A		
DF	RILLER: S	Subsurfac	ce, Inc.				TOP OF CASING ELEVATION: N/A		
DA	ATE DRIL	LED: 09,	/01/98				INITIAL WATER LEVEL: 3 ft. BGS	DATE: 09/01/98	
DF	RILL MET	HOD: Ge	oprobe				STATIC WATER LEVEL: N/A	DATE:	
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description		
	4.0	36			-	X	Brown clayey silt w/ crushed rock, stiff, slightly moist (FILL) Brown well-sorted SAND (SW), loose, very moist to wet		-
	N/A	24			5- 5- -		Same as above Clay plug, stiff, probable perched water table		-
-	N/A	N/A			10-		Boring terminated @ 12 feet		
- - -	7 I I I I I I I I I I I I I I I I I I I				- - 15-		borning terminated e 12 feet		1 1
					-				, , , ,
-					20-				-
-					25- - -				-

								Columbia Gas Transmission	JOB NO.:	98220	
-	ivii & livii	/ Enviror	nmenta	al Cons	ultant	s, In	nc.	Pavonia Compressor Station	LOG OF S	B026	
	Cinc	innati, 0H 6 ● (800) 7		(412) 921-	ittsburgh.	PA		Weller Township, Richland County, Ohio	Sheet 1 o	f 1	
LO	GGED BY	(b) (4)						GROUND SURFACE ELEVATION: N/A	1		
DR	ILLER: S	ubsurfac	e, Inc.					TOP OF CASING ELEVATION: N/A			
DA	TE DRIL	LED: 09/	01/98					INITIAL WATER LEVEL: 8 ft. BGS	DATE:	09/01/9	8
DR	ILL MET	HOD: Ged	probe		150-1000011119501		21112	STATIC WATER LEVEL: N/A	DATE:		
	(mdd) NNH	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log		- Materials Description			
-	4.0	42			-	珠块块		Brown silty sand w/ crushed rock, stiff, slightly moist (FILL)			-
	3.5	36			5 -	++++ ++++ ++++ ++++ ++++ ++++ ++++ ++++	1	Same as above, moisture increases w/ depth Black staining Same as above; wet (saturated)			
	4.0	36			10- -		,	Staining decreases			1 1 1
					15— 20—			Boring terminated @ 12 feet			

Γ				41	11	- 32 Adding	Columbia Gas Transmission	JOB NO.: 98	3220
7						s, Inc.	Pavonia Compressor Station	LOG OF SB	027
(5	Cinc 13) 985-02	innati, 0H 26 ● (800)	1 759-5614	(412) 921-	Pittsburgh -3402 • (86	, PA 00) 365-2324	Weller Township, Richland County, Ohio	Sheet 1 of	1
LO	GGED B	r: (b) (4)				1000	GROUND SURFACE ELEVATION: N/A	OSA COMPANY	Horse and the same
DR	ILLER: 9	Subsurfac	e, Inc.		7		TOP OF CASING ELEVATION: N/A		
DA	TE DRIL	L ED: 09/	/01/98				INITIAL WATER LEVEL: 8.0 ft. BGS	DATE: 0	09/01/98
DR	ILL MET	HOD: Ge	oprobe	***			STATIC WATER LEVEL: N/A	DATE:	
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description		
-	3.2	48			-	联 · ·	Silty sand w/ crushed rock, very stiff, slightly moist (FILL)		
	2.3	34			5-	**** *** *** *** *** *** *** ***	Same as above, moist to wet @ bottom, softening w/ depth Gray stained to bottom of interval, less rock fragments Gray CLAY (CL), soft to stiff, very moist to		_
	3.8	38			10-		Brown to gray mottled CLAY (CL), soft to medium stiff, less gray toward base		-
	3.3	40			- - 15-				-
					20- - - - - 25-		Boring terminated @ 16 feet		

				7.7			Columbia Gas Transmission Pavonia Compressor Station	JOB NO.: 98220
1						s, Inc.	Tavorila compressor atation	LOG OF SB028
(5	Cinc (13) 985-022	innati, OH 26 ● (800) 7	759-5614	(412) 921-	Pittsburgh -3402 • (86	, PA 00) 365-2324	Weller Township, Richland County, Ohio	Sheet 1 of 1
LO	GGED BY	(b) (4)					GROUND SURFACE ELEVATION: N/A	
DR	ILLER: S	ubsurfac	e, Inc.				TOP OF CASING ELEVATION: N/A	
DA	TE DRIL	LED: 09/	02/98				INITIAL WATER LEVEL: 8.0 ft. BGS	DATE: 09/02/98
DR	ILL MET	H OD: Geo	probe				STATIC WATER LEVEL: N/A	DATE:
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description	
	5.0	48			-		Brown silt w/ gravel and crushed rock, stiff, slightly moist (FILL) Brown to gray silty CLAY (CL), very stiff, moist Gray stained Gray silty CLAY (CL), very stiff to hard, moist	
	13.0	48			5-		Brown to base of interval Gray to rust mottled CLAY (CL), soft to medium	
-	11.0	48			10-		stiff, moist to wet	
-					- - 15-		Boring terminated @ 12 feet	
					20-			
					25—			

Г						-		1	
				45			Columbia Gas Transmission Pavonia Compressor Station	JOB NO.: 98	1220
C				al Con	sultant	s, Inc.		LOG OF SB	029
_	13) 985-022	innati, 0⊦ 26 • (800)	759-5614	(412) 921	Pittsburgh -3402 ● (80	, PA 00) 365-2324	Weller Township, Richland County, Ohio	Sheet 1 of	1
LO	GGED BY	(b) (4)					GROUND SURFACE ELEVATION: N/A		
DR	ILLER: S	ubsurfac	ce, Inc.				TOP OF CASING ELEVATION: N/A		
DA	TE DRIL	LED: 09,	/02/98		N°		INITIAL WATER LEVEL: 4.0 ft. BGS	DATE: 0	09/02/98
DR	ILL MET	HOD: Ge	oprobe				STATIC WATER LEVEL: N/A	DATE:	
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description		
						+++	Brown to gray sandy silt w/ crushed rock, stiff, slightly moist (FILL)		
	3.0	36				-	Gray to green to black silty CLAY (CL), stiff, slightly moist		
	0.0						Signify moist		
	4.0	48			5- 5-		Gray to rust clayey SILT (ML), stiff, wet (saturated)		
-					-				.
-					-	(11)	Boring terminated @ 8 feet	-	
- 1		-			32				
-			0		10-				-
H					-				-
-					-				
					57				
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					15-				-
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					20-				
					20-				
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					25-			*13	
-				N.	-				

				45			Columbia Gas Transmission	JOB NO.: 98220	
7	Civil &	Enviro	nment	al Con	sultani	s, Inc.	Pavonia Compressor Station	LOG OF SB038	
	Cin	cinnati, O⊦ 28 • (800)	-1		Pittsburgh	, PA 00) 365-232		Sheet 1 of 1	_
LC	GGED B	y: (b) (4)			0.00		GROUND SURFACE ELEVATION: N/A	1-11-1-11-1	-
DF	RILLER:	Subsurfa	ce, Inc.				TOP OF CASING ELEVATION: N/A		
DA	TE DRI	LED: 09	/08/98				INITIAL WATER LEVEL: N/A	DATE:	
DF	ILL MET	HOD: Ge	oprobe	1100111100111			STATIC WATER LEVEL: N/A	DATE:	_
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description		
-	2.8	48			-	珠珠	Light brown clayey silt w/ crushed rock, stiff, slightly moist (FILL)		
					15-		Boring terminated @ 4 feet		

			45			Columbia Gas Transmission	JOB NO.: 98220	
Civil &	Enviror	nmenta		sultant	s. Inc.	Pavonia Compressor Station	LOG OF SB039	
Cinc (513) 985-02	cinnati. OH			Pittsburgh	, PA 00) 365-2324		Sheet 1 of 1	
LOGGED B	y: (b) (4)					GROUND SURFACE ELEVATION: N/A	1	
DRILLER: S	Subsurfac	e, Inc.				TOP OF CASING ELEVATION: N/A		
DATE DRIL	LED: 09/	09/98			· · · · · · · · · · · · · · · · · · ·	INITIAL WATER LEVEL: N/A	DATE:	
DRILL MET	HOD: Geo	probe				STATIC WATER LEVEL: N/A	DATE:	
HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description		
- 1.2	42			-		Light brown clayey silt w/ crushed rock, stiff, slightly moist (FILL)		
				5- 10- 15- 20-		Refusal @ 4 feet. Boring terminated		

				ĦĦ	7			Columbia Gas Transmission	JOB I	NO.: 9822	20
C	ivil &	Enviro	nment		sultan	ts, In	ic.	Pavonia Compressor Station	L06 (OF SB04	0
(5	13) 985-02	cinnati, 0 226 • (800)	H 759-5614	(412) 92	Pittsburgh 1-3402 ● (8	, PA 00) 365-	-2324	Weller Township, Richland County, Ohio	Shee	t 1 of 1	
LO	GGED B	Y: (b) (4)						GROUND SURFACE ELEVATION: N/A	1		-
DR	ILLER:	Subsurfa	ce, Inc.					TOP OF CASING ELEVATION: N/A			-
DA	TE DRI	LLED: 09	/09/98					INITIAL WATER LEVEL: N/A	D/	ATE:	
DR	ILL MET	THOD: Ge	oprobe			- 1332-13		STATIC WATER LEVEL: N/A		ATE:	
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log		Materials Description			
-	1.2	48			-			Light brown clayey silt w/ crushed rock, stiff, slightly moist (FILL)			
					5-10-15-20-			Boring terminated @ 4 feet			

Γ						21	Columbia Gas Transmission	JOB NO.: 98	220
ء ا	IVII E I	Enviror			ultant	s, Inc.	Pavonia Compressor Station	LOG OF SB	041
	Cinc	innati, OH		F	ittsburgh			Sheet 1 of 1	
LO	GGED BY	(b) (4)				***	GROUND SURFACE ELEVATION: N/A		
DR	ILLER: S	ubsurfac	e, Inc.				TOP OF CASING ELEVATION: N/A		
DA	TE DRIL	LED: 09/	08/98				INITIAL WATER LEVEL: N/A	DATE:	
DR	ILL MET	HOD: Geo	probe				STATIC WATER LEVEL: N/A	DATE:	
	(mdd) NNH	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description		
	2.8	48			10-	++++++++++++++++++++++++++++++++++++++	Light brown clayey silt w/ crushed rock, stiff, slightly moist (FILL) Boring terminated @ 4 feet		
					_				

Γ	: 1						Columbia Gas Transmission	JOB NO.: 9	18220
-	Chall C	Enuls of				-	Pavonia Compressor Station	LOG OF SE	
	Cinc	Enviror cinnati, OH 26 • (800) 1		u Cons	Pittsburgh 3402 ● (80	, PA	**************************************		
⊢		(b) (4)	758-5014	(412) 921-	3402 ● (80	JU) 385-23	Weller Township, Richland County, Ohio GROUND SURFACE ELEVATION: N/A	Sheet 1 of	1
-		Subsurfac	e Inc		THE STORE	-	TOP OF CASING ELEVATION: N/A	**	
		LED: 09/					INITIAL WATER LEVEL: N/A	DATE	500 3000
-		HOD: Geo			100000000000000000000000000000000000000		STATIC WATER LEVEL: N/A	DATE:	
	1	F				П	STATIC WATER LEVEL. N/A	DATE:	ТТ
	(mdd) (NH	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description		
-	1.8	48			-	+ + - + -	Light brown clayey silt w/ crushed rock, stiff, slightly moist (FILL)		-
					5- 10- 15- 20-		Boring terminated @ 4 feet		
							36		

			45			Columbia Gas Transmission	JOB NO.: 98220)			
Civil &	Enviro	nmenta		sultant	s, Inc.	Pavonia Compressor Station	LOG OF SB043				
Cin (513) 985-02	cinnati, OH			Pittsburgh	, PA 00) 365-2324	Weller Township, Richland County, Ohio	Sheet 1 of 1				
LOGGED B	Y: (b) (4)					GROUND SURFACE ELEVATION: N/A					
DRILLER:	Subsurfac	e, Inc.				TOP OF CASING ELEVATION: N/A	7.1				
DATE DRII	LED: 09/	08/98				INITIAL WATER LEVEL: N/A	DATE:				
DRILL MET	'HOD: Geo	probe		Wiscons		STATIC WATER LEVEL: N/A		DATE:			
HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description					
1.5	48				+ + + + + + + + + + + + + + + + + + +	Light brown clayey silt w/ crushed rock, stiff, slightly moist (FILL)					
				5-10-15-20-125-1		Boring terminated @ 4 feet					

_								
		3		47			Columbia Gas Transmission Pavonia Compressor Station	JOB NO.: 98220
7	ivil & l	Enviro	nmenta	al Cons	sultant	s, Ind	c.	LOG OF SB044
(5	Cinc 13) 985-022	innati, OH 26 ● (800)	759-5614	(412) 921-	Pittsburgh -3402 • (80	, PA 00) 365-2	Weller Township, Richland County, Ohio	Sheet 1 of 1
LO	GGED BY	(: (b) (4)		!!== =!!!!			GROUND SURFACE ELEVATION: N/A	
DR	ILLER: S	ubsurfac	e, Inc.				TOP OF CASING ELEVATION: N/A	
DATE DRILLED: 09/08/98							INITIAL WATER LEVEL: N/A	DATE:
DR	ILL MET	HOD: Ged	probe			110711 1-74	STATIC WATER LEVEL: N/A	DATE:
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description	
-	0.5	48			-	英英菜	Brown clayey silt w/ crushed rock, soft to medium stiff, slightly moist to moist (FILL)	
	0.4	24			5- 10- 15- 20- 25-	†+++++++++++++++++++++++++++++++++++++	Boring terminated @ 6 feet	

				H 17	,		Columbia Gas Transmission	JOB NO.:	98220			
1	Civil &	Enviro			sultani	ts, Inc.	Pavonia Compressor Station	LOG OF S	B045			
	Cino 513) 985-02	cinnati. O	Н		Pittsburgh	, PA 00) 365-2324	Weller Tourselie Biobles d County Otto	Sheet 1 o				
_	DGGED B			(1127 021	3402 9 (0	007 303-2324	Weller Township, Richland County, Ohio GROUND SURFACE ELEVATION: N/A	Sheet 10	11			
	RILLER: S						TOP OF CASING ELEVATION: N/A					
0/	ATE DRIL	LED: 09	/04/98									
DF	RILL METHOD: Geoprobe						STATIC WATER LEVEL: N/A		ATE: 09/04/98			
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description	DATE:				
	Ĭ	Reco	Blov	Eleva								
-	1.0	40			-	+ + + + + + + + + + + + + + + + + + +	Brown slity clay w/ crushed rock, stiff, moist (FILL)					
-	1.0	N/A			5-	+ + + + + + + + + + + + + + + + + + +	Grav silty SAND (SD) modium dance wat					
	6.0	.,,,			_		Gray silty SAND (SP), medium dense, wet (saturated)					
-	3.0	N/A			10-		Gray to brown clayey SILT (ML), very stiff, moist					
	1.5				-		Boring terminated @ 12 feet					
]		borng terminated e 12 feet					
-					15-							
					20-				-			
- COLO.												
					}							
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		0.0		47			Columbia Gas Transmission Pavonia Compressor Station	JOB NO.: 98220					
7			nmenta	al Con		s, Inc.		LOG OF SB046					
	13) 985-022		759-5614	(412) 921-	Pittsburgh -3402 • (86	, PA 00) 365-232	4 Weller Township, Richland County, Ohio	Sheet 1 of 1					
LO	GGED BY	(b) (4)				727	GROUND SURFACE ELEVATION: N/A						
DF	ILLER: S	ubsurfac	ce, Inc.				TOP OF CASING ELEVATION: N/A	TOP OF CASING ELEVATION: N/A					
DA	TE DRIL	LED: 09/	/08/98				INITIAL WATER LEVEL: N/A	DATE:					
DF	ILL MET	HOD: Geo	oprobe	62		170000000	STATIC WATER LEVEL: N/A	DATE:					
	(mdd) NNH	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description		1000				
	2.0	46			-	珠珠	Brown clayey silt w/ crushed rock and gravel, very stiff, slightly moist (FILL)						
-	2.5	48			5-		Brown clayey silt, pea gravel, soft, very moist to wet (FILL) Brown clayey silt w/ crushed rock and gravel, very stiff, slightly moist (FILL) Same as above, turns dark brown						
	2.3	47			10-	+++ +++ +++ +++ +++ +++			1 1 1				
					- - 15–		Boring terminated @ 12 feet		-				
					-				1 1				
					20- 20-				-				
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							Columbia Gas Transmission	JOB NO.: 98220				
-				78 _/			Pavonia Compressor Station					
	Cinc	innati. OH	1		Pittsburgh	s, Inc.		LOG OF SB047				
_		26 • (800)		(412) 921-	-3402 • (8)	00) 365-2324		Sheet 1 of 1				
		(b) (4)					GROUND SURFACE ELEVATION: N/A					
-		Subsurfac					TOP OF CASING ELEVATION: N/A					
-	DATE DRILLED: 09/09/98						INITIAL WATER LEVEL: N/A	DATE:				
DR	DRILL METHOD: Geoprobe						STATIC WATER LEVEL: N/A	DATE:				
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description					
	1.0	44			-	珠	Light brown silty clay w/ crushed rock, stiff, slightly moist (FILL) Gray medium SAND (SP), soft, very moist	-				
-	1.0	48			5-		Finer grained sand Brown silty CLAY (CL), stiff to very stiff, moist					
-	0.8	48			10-		Gray firm CLAY (CL), moist					
-					-		Boring terminated @ 12 feet	- -				
					15 – 15 –							
					20-							
			28		25- -							

							Columbia Gas Transmission	JOB NO.: 9	98220
۱_	O. /			-		•	Pavonia Compressor Station	LOG OF S	
	Cinc	innati, 0H 6 ● (800) 1		al Cons	ittsburgh	, PA		Sheet 1 or	
-	GGED BY		758-5614	(412) 921-	3402 • (80	JO) 365-23	GROUND SURFACE ELEVATION: N/A	Sileet 1 0	
-		ubsurfac	e Inc				TOP OF CASING ELEVATION: N/A		
-							INITIAL WATER LEVEL: 4.5 ft. BGS	DATE	00/00/00
DATE DRILLED: 09/09/98									09/09/98
DRILL METHOD: Geoprobe							STATIC WATER LEVEL: N/A	DATE:	T T T
	(mdd) NNH	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description		
	1.2	48			-	+ + + + + + + + + + + + + + + + + + +	Light brown silty clay w/ crushed rock, medium stiff to loose, slightly moist (FILL)		-
	5.2	44			5- 5-		Gray medium SAND (SP), soft, very moist to wet (saturated) Gray to brown clayey SILT (ML), stiff, very		
-					_	111	moist Boring terminated @ 8 feet	41	
-					-		Borning terminated & 6 leet		
-					10-				
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Γ			/8-8		E H	191-1	T	Columbia Gas Transmission	JOB N	0.: 982	220	
-	livii & I	Enviror			eult ant	e In		Pavonia Compressor Station	LOG O			
	Cinc	innati, 0H			Pittsburgh -3402 • (80	. PA	- 1	Weller Township, Richland County, Ohio	Sheet			
LO	GGED BY	(; (b) (4)						GROUND SURFACE ELEVATION: N/A				
DR	ILLER: S	ubsurfac	e, Inc.		190			TOP OF CASING ELEVATION: N/A				
DA	TE DRIL	LED: 09/	09/98	- A - A - A - A - A - A - A - A - A - A				INITIAL WATER LEVEL: N/A	DA	TE:	7-7-389	
DR	DRILL METHOD: Geoprobe							STATIC WATER LEVEL: N/A	DA	TE:		
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log		Materials Description				
	2.6	48			-		S S	ssphalt Crushed rock Brown clayey silt w/ crushed rock, stiff, lightly moist (FILL) Candy interval (FILL) Came as above, very stiff				-
-	N/A	N/A			5- - -	+++ +++ +++ +++ +++ +++ +++ +++		4				-
					10-		В	foring terminated @ 8 feet				

_													
				45				Columbia Gas Transmission Pavonia Compressor Station	JOB !	NO.: 9	8220		
7	S livic	Enviro	nment	al Con	sultant	s, Ir	nc.	Tavolila compressor station	LOG	OF SE	3050		
(5	Cinc 513) 985-02:	innati, OH 26 ● (800)	759-5614	(412) 921-	Pittsburgh -3402 • (8	, PA 00) 365	-2324	Weller Township, Richland County, Ohio	Shee	t 1 of	1		
LC	GGED B	(b) (4)						GROUND SURFACE ELEVATION: N/A		7,122			
DF	RILLER: S	Subsurfac	e, Inc.					TOP OF CASING ELEVATION: N/A					
D/	TE DRIL	LED: 09/	/09/98					INITIAL WATER LEVEL: 2.5 ft. BGS	D	DATE: 09/09/98			
DF	RILL MET	HOD: Ged	probe			, ,		STATIC WATER LEVEL: N/A	D	ATE:			
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log		Materials Description					
	5.2	44			-	葉		Asphalt Brown sandy silt, medium stiff, moist (FILL)					
-	1.6	44			-	+ + + + + + + + + + + +		Wet zone		N)		-	
	1.0	24			5-	+++ +++ +++ +++		Same as above, wet (saturated)				-	
								Boring terminated @ 6 feet				-	
			S THE STANSON									-	
-		0			10-							-	
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-					- 15-							-	
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-					25-								
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							Columbia Gas Transmission	JOB NO.: 98220	
-	lul C I	Enviror				a Tac	Pavonia Compressor Station	LOG OF SB051	
	Cinc	innati, OH		P	ittsburgh,	PA		Sheet 1 of 1	
	GGED BY	6 • (800) 7 (b) (4)	759-5614	(412) 921-	3402 • (80	00) 385-23		Sileet 1 01 1	
_		-	- T			10001-00	GROUND SURFACE ELEVATION: N/A		
_		ubsurfac					TOP OF CASING ELEVATION: N/A		
-	Want Waster - 1	LED: 09/					INITIAL WATER LEVEL: N/A	DATE:	
DR	ILL MET	HOD: Ged	probe				STATIC WATER LEVEL: N/A	DATE:	
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description		
	6.0	36			_	++++000	Brown clayey silt w/ crushed rock, loose, slightly moist (FILL) Brown coarse sandy GRAVEL (GP), loose, slightly moist		
	N/A				-		Gray silty CLAY (CL), stiff, moist, odor		
-	3.0	24			5-	4	Boring terminated @ 6 feet	_	-
					-				
	5 10 10 10 10				10-]-
					- 15-				-
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		10000			20-				
					_				
-					25-				-
					-				11

				77			Columbia Gas Transmission Pavonia Compressor Station	JOB NO.: 98	8220
7			nmenta	al Cons		s, Inc.	19705	LOG OF SB	052
(5	Cinc 13) 985-022	innati, OH 26 ● (800)	 759-5614	(412) 921-	Pittsburgh 3402 • (80	, PA 00) 365-232	Weller Township, Richland County, Ohio	Sheet 1 of	1
LO	GGED BY	(b) (4)					GROUND SURFACE ELEVATION: N/A		The Park House
DR	ILLER: S	ubsurfac	ce, Inc.				TOP OF CASING ELEVATION: N/A		
DATE DRILLED: 09/14/98							INITIAL WATER LEVEL: N/A	DATE:	
DRILL METHOD: Geoprobe							STATIC WATER LEVEL: N/A	DATE:	
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description		
-	5.2	30			-		Brown silty loam, loose, slightly moist (FILL) Black to brown, rust stained, angular grained sand, very coarse (FILL) Gray crushed rock (FILL) Brown silty clay w/ crushed rock, loose to medium stiff, slightly moist, rust stained (FILL)		-
	5.5	24			5- 10- 15- 20- 25-	++	Boring terminated @ 6 feet		
					-				

_								1 200144				
				45			Columbia Gas Transmission Pavonia Compressor Station	JOB NO.: 98220				
c	ivil &	Enviro	nmenta			s, Inc.		LOG OF SB053				
(51	Cinc 13) 985-02	innati, 0H 26 ● (800)	759-5614	(412) 921-	Pittsburgh -3402 • (80	, PA 00) 365-232	Weller Township, Richland County, Ohio	Sheet 1 of 1				
LO	GGED B	(b) (4)					GROUND SURFACE ELEVATION: N/A					
DR	ILLER: S	Subsurfac	e, Inc.				TOP OF CASING ELEVATION: N/A					
DA	DATE DRILLED: 09/14/98 DRILL METHOD: Geoprobe						INITIAL WATER LEVEL: N/A	DATE:				
DR							STATIC WATER LEVEL: N/A	DATE:				
	(mdd) NNH	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description		And the second s			
	3.0	36			-	珠珠珠	Brown sand and gravel, very loose, slightly moist (FILL) Brown clayey silt, medium stiff, moist (FILL) Black sandy gravel, very loose (FILL)					
	2.0	24		ű.	5- - - -	***	Gray to brown clayey SILT (ML), soft, very moist Boring terminated @ 6 feet					
-					10-				-			
-		27.			15- - - - - 20-				1 1 1 1 1			
					- - - 25-							

	Civil & Environmental Consultants, In							Columbia Gas Transmission	JOB N	10.: 98	220	
5	ivil & E	/ Enviror	nmenta	al Cons	ultant	s, Ir	ic.	Pavonia Compressor Station	LOG C	F SB	054	
		innati, OH		P	ittsburgh, 3402 ● (80	PA		Weller Township, Richland County, Ohio	Sheet	1 of 1		
LO	GGED BY	(b) (4)						GROUND SURFACE ELEVATION: N/A			4100000	
DR	ILLER: S	ubsurfac	e, Inc.					TOP OF CASING ELEVATION: N/A			or states and one fact.	
DA	TE DRIL	L ED: 09/	14/98					INITIAL WATER LEVEL: 4.0 ft. BGS	DA	TE: 0	9/14/9	98
DR	ILL METI	10D: Geo	probe					STATIC WATER LEVEL: N/A	DA	TE:		
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log		Materials Description				
-	3.8	46	(4		-	+++		Brown silty clay loam w/ some crushed rock, loose, slightly moist (FILL) Brown silty CLAY (CL), very stiff, moist				
	3.0	24			5-	0000		Brown sandy GRAVEL (GP), loose, very moist to wet Boring terminated @ 6 feet				
					10 – 10 – -							
					- 15 – - -							
					20-							
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			75				JOB NO.: 9	98220
			al Con	sultant	s, Inc.		LOG OF SI	B055
3) 985-022	8 • (800) 7	59-5614	(412) 921-	-3402 • (80	, PA 00) 365-232	Weller Township, Richland County, Ohio	Sheet 1 of	f 1
GED BY	(b) (4)		7.2		41	GROUND SURFACE ELEVATION: N/A		
ILLER: S	ubsurfac	e, Inc.	90-1900-102			TOP OF CASING ELEVATION: N/A		
TE DRIL	L ED: 09/	14/98				INITIAL WATER LEVEL: 3.5 ft. BGS	DATE:	09/14/98
LL MET	HOD: Geo	probe				STATIC WATER LEVEL: N/A	DATE:	
Blow Counts Elevation MSL Graphic Log					Graphic Log	Materials Description		
2.2	48		200	-		Brown clayey SILT (ML), medium stiff to stiffening w/ depth, slightly moist Brown medium well-sorted SAND (SW), very loose, wet (saturated)		-
2.5	24		3	5-	77	Gray CLAY (CL), very stiff, moist		
				10-		Boring terminated ❷ 6 feet		
	Cinc 3) 985-022 GGED BY (LLER: S TE DRIL (LL MET) (Wdd) NH	Cincinnati, OH 3) 985-0228 • (800) 7 GGED BY: (b) (4) GLLER: Subsurfac TE DRILLED: 09/ GLL METHOD: Ged (ii) Abancopa 2.2 48	Cincinnati, OH 3) 985-0226 • (800) 759-5614 GGED BY: (b) (4) (LLER: Subsurface, Inc. TE DRILLED: 09/14/98 (LL METHOD: Geoprobe (wdd)	Cincinnati, OH 3) 985-0228 • (800) 759-5614 (412) 921- GGED BY: (b) (4) (LLER: Subsurface, Inc. TE DRILLED: 09/14/98 (LL METHOD: Geoprobe (w) (ii) NAI (iii) NAI	Cincinnati, OH Pittsburgh, (412) 921-3402 • (80 985-0228 • (800) 759-5814 (412) 921-3402 • (80 985-0228 • (800) 759-7814 (412) 921-3402 • (80 985-0228 • (800) 759-781	Cincinnati, OH (12) 985-0226 (900) 759-5814 (412) 921-3402 (900) 395-232	## Weller Township, Richland County, Ohio ## GEO BY 19 (4) ## GROUND SURFACE ELEVATION: N/A **LILER: Subsurface, Inc.** ## DRILLED: 09/14/98 ## INITIAL WATER LEVEL: 3.5 ft. BGS ## STATIC WATER LEVEL: N/A ## BTOWN Clayey SILT (ML), medium stiff to stiffening w/ depth, slightly moist ## Brown medium well-sorted SAND (SW), very loose, wet (saturated) ## Brown depth, slightly moist ## Brown medium well-sorted SAND (SW), very loose, wet (saturated) ## Brown get Clay (CL), very stiff, moist ## Boring terminated & 6 feet	IVII & Environmental Consultants, Inc. Cincinnati, OH 20 959-9294 (1900) 793-9514 (42) 292-3402 (1900) 395-2224 Meller Township, Richland County, Ohio Sheet 1 of Section 2 o

				75			Columbia Gas Transmission	JOB NO.: 98	220
c			nmenta		sultant	s, Inc.	Pavonia Compressor Station	LOG OF SBO	056
(51	Cinc 3) 985-022	innati, OH 26 • (800)	759-5614	1	Pittsburah		Weller Township, Richland County, Ohio	Sheet 1 of 1	
LO	GGED BY	(b) (4)					GROUND SURFACE ELEVATION: N/A		1,377
DR	ILLER: S	ubsurfac	e, Inc.				TOP OF CASING ELEVATION: N/A		
DA	TE DRIL	LED: 09/	14/98				INITIAL WATER LEVEL: N/A	DATE:	
DR	ILL MET	HOD: Geo	probe				STATIC WATER LEVEL: N/A	DATE:	2 = 3 (a) (b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c
	Blow Counts Blow Counts Elevation MSL (ft.) HNU (ppm) Blow Counts Charles Graphic Log					Graphic Log	Materials Description		
-	4.5	36			-	英女女	Black sandy gravel w/ rust stains, very loose, slightly moist (FILL) Brown sandy silt w/ crushed rock (FILL)		
-	3.0	24			5- -	+++ +++ +++ +++	Boring terminated @ 6 feet		-
					10-				-
					- - 15- -				-
-	4				20-				-
					- 25- -				-

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				45			Columbia Gas Transmission Pavonia Compressor Station	JOB NO.: 98220	
0		Enviror						LOG OF SB057	
(5)	Cinc 13) 985-022	innati, 0H 26 ● (800) 7	759-5614	(412) 921-	Pittsburgh -3402 ● (80	, PA 00) 365-23	Weller Township, Richland County, Ohio	Sheet 1 of 1	
LO	GGED BY	(b) (4)					GROUND SURFACE ELEVATION: N/A		
DR	ILLER: S	Subsurfac	e, Inc.				TOP OF CASING ELEVATION: N/A		
DA	HNU (ppm) Recovery (in.) Blow Counts Blow Counts Clepth (ft.) Graphic Log						INITIAL WATER LEVEL: N/A	DATE:	
DR	ILL MET	HOD: Ged	probe				STATIC WATER LEVEL: N/A	DATE:	
	HNU (ppm)		Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description		
	2.0	48			-		Light brown silty CLAY (CL) w/ gray and rust mottling, stiff, moist		-
	1.8	36			5-		Boring terminated @ 7 feet		
				**************************************	10-		Boring terminated & 7 feet		
					- - - 15-				
					20-				
					25—				1 1 1 1

				477			Columbia Gas Transmission	JOB NO.: 9	8220
7	Civil & I	Enviro	nmenta	al Cons	sultant	s, Ir	Pavonia Compressor Station	LOG OF SE	3059
		innati, OH		F	Pittsburgh 3402 ● (80	, PA		Sheet 1 of	1
LO	GGED BY	(b) (4)					GROUND SURFACE ELEVATION: N/A		
DR	ILLER: S	ubsurfac	e, Inc.				TOP OF CASING ELEVATION: N/A		
DA	TE DRIL	LED: 09/	/14/98				INITIAL WATER LEVEL: N/A	DATE:	
DR	ILL MET	HOD: Ged	probe				STATIC WATER LEVEL: N/A	DATE:	
	HNU (ppm)	Blow Counts Blow Counts Blow Counts Clevation MSL Graphic Log					Materials Description		
-	2.5	48		-	-		Light brown clayey SILT (ML), stiff, slightly moist Less stiff (loose)		
_ - -	N/A	N/A			5- -		Boring terminated @ 6 feet		
-					10-				
-					-				
-					15 – - - -				
<u>-</u>					20- -				
-					- - 25-				
-					-				

	N/			-			Columbia Gas Transmission		0.: 982	20	\neg
<u>-</u>	I & IIvi	Enviror	menta	al Cons	ultant	s. Ir	Pavonia Compressor Station	LOG O	F SB06	30	\neg
	Cinc	innati, OH			ittsburgh,	PA	2009	Sheet	1 of 1		
LOG	GED BY	; (b) (4)		-2557-677-083			GROUND SURFACE ELEVATION: N/A				
DRI	ILLER: S	ubsurfac	e, Inc.		9-2008/17		TOP OF CASING ELEVATION: N/A	**			
DA"	TE DRIL	L ED: 09/	14/98				INITIAL WATER LEVEL: 4.0 ft. BGS	DA	TE: 09	/14/98	
DRI	LL MET	HOD: Ged	probe				STATIC WATER LEVEL: N/A	DA	TE:		
	(mdd) NNH	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
	2.5	48			-	***	Brown silty clay loam w/ some crushed rock, loose, slightly moist (FILL) Brown silty CLAY (CL), very stiff, moist Brown sandy GRAVEL (GP), loose, very moist				
-	N/A	24	24 5 -000				Boring terminated @ 6 feet				
		15-			- - -						
-					- - 25—						

			/===				Columbia Con Transmission	Tion	0 - 00		 _
_				<i>7</i>			Columbia Gas Transmission Pavonia Compressor Station	JOB N			 \dashv
С		Enviror innati, OH			ultant littsburgh,		c.	LOG 0	F SB	061 	 4
	3) 985-022	6 • (800) 7	759-5614	(412) 921-	3402 ● (80	00) 365-	2324 Weller Township, Richland County, Ohio	Sheet	1 of	1	
LO	GED BY	(b) (4)					GROUND SURFACE ELEVATION: N/A				
DR:	ILLER: S	ubsurfac	e, Inc.				TOP OF CASING ELEVATION: N/A				
DA'	TE DRIL	L ED: 09/	14/98				INITIAL WATER LEVEL: N/A	DA	TE:		
DR	ILL MET	HOD: Ged	probe			,	STATIC WATER LEVEL: N/A	DA	TE:		 ┙
	(mdd) NNH	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
-	1.2	36			- - -	英族	Brown, loose, slightly moist (FILL)				1
- - -	1.2	40			5- - -		Desire terminated & 9 feet				-
					10- 10- - - 15- - 20-		Boring terminated @ 8 feet				
-					25- -						

		/===		10		Columbia Con Transmission	100.11	0 - 00	200	
			7/_/			Pavonia Compressor Station				
IVII & I	Environ	nmenta	al Con	sultant	s, Inc.		LOG O	F SB0	62	
13) 985-022	28 • (800)	759-5614	(412) 921-	Pittsburgh -3402 ● (80	, PA 00) 365-2324	Weller Township, Richland County, Ohio	Sheet	1 of 1		
GGED BY	(b) (4)					GROUND SURFACE ELEVATION: N/A				es H
ILLER: S	Subsurfac	e, Inc.				TOP OF CASING ELEVATION: N/A	14.			
TE DRIL	LED: 08/	27/98				INITIAL WATER LEVEL: 3 ft. BGS	DA	TE: 08	3/27/9	8
ILL MET	HOD: Geo	probe				STATIC WATER LEVEL: N/A	DA	TE:		
(mdd) NNH	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
3.0	40			, -	其	Brown silty clay w/ crushed rock, loose, slightly moist (FILL) Gray area, wet, clayey SILT (ML) Same as above				
5.0	24			5-		Black stained				
8.0	36			10-		Light to dark 1-2 mm lamination Very soft, wet (saturated)				
N/A	N/A			15-						1 1 1 1
				20-		Borning terminated & 10 feet				
	Cinc 3) 985-023 GGED BY ILLER: S TE DRIL ILL MET (Wdd) NNH 3.0	Cincinnati, OH 3) 985-0228 • (800) GGED BY: (b) (4) ILLER: Subsurfact TE DRILLED: 08/ ILL METHOD: Ged ("") 3.0 40 5.0 24 8.0 36	Cincinnati, OH 3) 985-0226 • (800) 759-5614 GGED BY: (b) (4)	Cincinnati, OH 3) 985-0228 • (800) 759-5614 (412) 921- GGED BY: (b) (4) ILLER: Subsurface, Inc. TE DRILLED: 08/27/98 ILL METHOD: Geoprobe (mdd) NAH 3.0 40 5.0 24 8.0 36	Sivil & Environmental Consultant	Sivil & Environmental Consultants, Inc. Cincinnati, OH Siving PA (412) 921-3402 • (800) 365-2324 (800) 759-5614 (412) 921-3402 • (800) 365-2324 (800) 365-2324	IVI & Environmental Consultants, Inc. Pittsburgh, PA (412) 921-3402 * (8000) 395-3224 Weller Township, Richland County, Ohio GROUND SURFACE ELEVATION: N/A	Pavonia Compressor Station Concumentation Consultants, Inc. Pittsburgh, PA Pavonia Compressor Station Consultants, Inc. Consultants, Inc. Pittsburgh, PA Pavonia Compressor Station Consultants, Inc. Consultants, Inc. Pavonia Compressor Station Consultants, Inc. Consultants, Inc. Pittsburgh, PA Pavonia Compressor Station Consultants, Inc. Consultants, Inc. Consultants, Inc	IVII & Environmental Consultants, Inc. Pavonia Compressor Station LiGo OF Sec. Pavonia Compressor Station Consultants, Inc. Pittsburgh, Pa Pavonia Compressor Station Pavonia Compressor Station Consultants, Inc. Pavonia Compressor Station Pavonia Compressor Sta	IVII & Environmental Consultants, Inc. Checked Che

	Civil & Environmental Consultants, I						Columbia Gas Transmission	JOB NO).: 982	20	
=	Civil & Environmental Consultants, I Cincinnati, OH Pittsburgh, PA 513) 985-0226 • (800) 759-5614 (412) 921-3402 • (800) 36						Pavonia Compressor Station	LOG OF	F SUO	01	
	Cincinnati, OH Pittsburgh, PA					PA		Sheet	1 of 1		
L. 350				(412) 921	3402 0 (00	70, 300	GROUND SURFACE ELEVATION: N/A				
							TOP OF CASING ELEVATION: N/A				
-	TE DRIL						INITIAL WATER LEVEL: 4.0 ft. BGS	DA	TE: 08	1/28/8	98
-	ILL METI		and the second				STATIC WATER LEVEL: N/A		TE:		
	Blow Counts Blow Counts Blow Counts Elevation MSL Cft.) H+++ Graphic Log					Graphic	Materials Description				2 E
	1.0	36			-		Dark brown top soil w/ grass roots, soft, wet Brown sandy gravel, loose, wet (FILL) Brown silty clay w/ gravel or crushed rock fragments, soft (FILL) Gray crushed rock, loose, moist (FILL) No recovery Brown sandy SILT (ML), soft, wet				
	N/A	9			5 - - 10 - - -		Boring terminated & 8 feet				
-					20-						

Γ		vil & Environmental Consultants, Cincinnati, OH Pittsburgh, PA 985-0226 • (800) 759-5814 (412) 921-3402 • (800) 3					Columbia Gas Transmission	JOB N	0.: 98	220		
-	ivii & livii	Enviro	omenta	al Cons	ultant	s. In	Pavonia Compressor Station	L06 0	F SU	002		
	Cinc	innati, OH		F	Pittsburgh	, PA		Sheet	1 of	1		\neg
1158	GGED BY			(1-7 0-1	- 100 - 101		GROUND SURFACE ELEVATION: N/A	<u> </u>				\dashv
	ILLER: S		M				TOP OF CASING ELEVATION: N/A				21	\dashv
DA	TE DRIL	LED: 08/	26/98				INITIAL WATER LEVEL: 4.0 ft. BGS	DA	TE: 0	8/26	/98	
DR	ILL MET	HOD: Ged	probe				STATIC WATER LEVEL: N/A	DA	TE:			
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description					
-	1.0	1.0 24 +++++++++++++++++++++++++++++++++++				鞣	Dark brown top soil w/ grass roots, medium soft, very moist to wet Brown silty clay, rust stains, below 6 inches gray, very moist to wet in gray area (FILL) No recovery					-
-	7.0	18			5- 5-	茲	Dark brown to gray sandy gravel, loose, wet (FILL) No recovery Boring terminated & 6 feet					
		7.0 18 5—++										

Γ	Civil & Environmental Consultants, I						Columbia Gas Transmission	JOB N	0.: 98	220		٦
1	Cincinnati, OH Pittsburgh, PA 13) 885-0226 • (800) 759-5614 (412) 921-3402 • (800) 365						Pavonia Compressor Station	L08 0	F SUC	003		٦
1	Cinc	Cincinnati, OH Pittsburgh, PA					-	Sheet	t of t			٦
							GROUND SURFACE ELEVATION: N/A	<u> </u>				1
-			e, Inc.	, , , , , , , , , , , , , , , , , , , 			TOP OF CASING ELEVATION: N/A					٦
D	ATE DRIL	L ED: 09/	02/98				INITIAL WATER LEVEL: 5.0 ft. BGS	DA	TE: 0	9/02/	98	
D	RILL METH	100: Geo	probe				STATIC WATER LEVEL: N/A	DA	TE:			
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description					
	2.0	28			-	**************************************	Dark brown sand, crushed rock, moist to wet at bottom of interval (FILL)					
	2.0	44			5- - -	X 5	Brown silty SAND (SM), stiff, wet (saturated)					
-					10- -		Boring terminated © 8 feet					
-					15-							
-					20-							
-					25- 25-							

Columbia Gas Transmission Civil & Environmental Consultants, Inc. Cicicinal, OH (ISS)1896-0229 e (ISS) 1970 COSED BY: 1970 COS										
Civil & Environmental Consultants, Inc. Pittsburgh, PA (All) 863-985-9284 (800) 786-9814 (All) 821-3402 (800) 386-2324 (800) 786-8014 (All) 821-3402 (800) 386-3224 (All) 821-3402 (Al					45			Columbia Gas Transmission	JOB NO.:	98220
Issues-case (800) 786-5814 (412) 821-3402 • (800) 385-2324 Meller Township, Richland County, Ohio Sheet 1 of 1	1	Civil &	Enviro	nment	al Con	sultant	s, Inc.		LOG OF S	SU005
Continue		513) 985-02	26 • (800)	759-5614	(412) 921-	Pittsburgh -3402 ● (86	, PA 00) 385-232	Weller Township, Richland County, Ohio	Sheet 1 o	f 1
DATE DRILLED: 09/04/98 DRILL METHOD: Geoprobe STATIC MATER LEVEL: N/A DATE: DATE: DATE: DATE: DATE: DATE: DATE: STATIC MATER LEVEL: N/A Materials Description Materials Desc	LC	GGED B	Y: (b) (4)						1	
DRILL METHOD: Geoprobe STATIC WATER LEVEL: N/A DATE: Control Control	DI	RILLER:	Subsurfa	ce, Inc.				TOP OF CASING ELEVATION: N/A		
Company Comp	D	ATE DRI	LED: 09	/04/98				INITIAL WATER LEVEL: N/A	DATE:	
Solution	DF	RILL MET	om) (in.) MSL					STATIC WATER LEVEL: N/A	DATE:	
1.2 40 1.2 40 1.3		HNU (ppm)		Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description		
Boring terminated @ 7.5 feet 10- 15- 20-		1.2	40			-	*************************************	Brown silty CLAY (CL) w/ gravel, soft, very		
20-	-	7.0	12			5- - -		Boring terminated @ 7.5 feet	_	-
	-					10-	-			
				75		20-				

Г	Civil & Environmental Consultants, I									-			
١.				HH	, 			u <mark>mbia Gas Transmissior</mark> onia Compressor Stati		NO.:	98220)	
	Civil &	Enviro	nment	al Con	sultani Pittsburgh	s, In	c.		LOG	OF S	U006		
	513) 986-0	226 • (800)	759-5814	(412) 921	-3402 • (8	00) 385-	2324 Weller	r Township, Richland County, Ohio	She	et 1 o	f 1		
_		(b) (4)					GROU	ND SURFACE ELEVATION: N/A					
D	RILLER:	Subsurfa	ce, Inc.				TOP (OF CASING ELEVATION: N/A					
D	ATE DRI	LLED: 09	/10/98				INITI	AL WATER LEVEL: 10.0 ft. BGS		DATE:	09/10)/98	
D	RILL ME	THOD: Ge	oprobe				STAT	IC WATER LEVEL: N/A		DATE:			
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log		Materials Description					
	1.2	30			10-	++++++++++++++++++++++++++00000	Brown co very moi	own clayey silt, medium stiff, moist, rock (FILL) parse sand and GRAVEL (GP), loose, ist to wet, channel deposit erminated © 12 feet					
-					25-								

Γ		100					Columbia Gas Transmission	JOB NO.:	98220	
-							Pavonia Compressor Station			
	Cinc	cinnati, OF	4		Pittsburgh	s, Inc.		LOG OF S		
		28 • (800)		(412) 921	-3402 • (8	00) 365-2324	The state of the s	Sheet 1 o	of 1	
		(b) (4)	78080				GROUND SURFACE ELEVATION: N/A			
-		Subsurfac					TOP OF CASING ELEVATION: N/A			
\vdash		LED: 09					INITIAL WATER LEVEL: N/A	DATE:		
DF	RILL MET	HOD: Ge	oprobe				STATIC WATER LEVEL: N/A	DATE:		
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description			
-	N/A	30			-		Brown silty CLAY (CL), medium stiff, moist, crushed rock (FILL)			
-	N/A	40			5- - -	英 英				
-	1.2	30	2)		10-	++++++++++++++++++++++++++++++++++++++	Brown well-sorted pea GRAVEL (GW), very loose, slightly moist, bottom of excavation Refusal @ 11.5 feet. Boring terminated			
					15- -		E			-
				n	20-		\$ \$			
-	<i>-</i>		1111		-					

			_						
				45			Columbia Gas Transmission Pavonia Compressor Station	JOB NO.: 98220	
1	Civil &	Enviro	nment	al Con:				LOG OF SU008	
(8	Cinc 513) 985-02	cinnati, Ol 26 • (800)	1 759-5614	(412) 921-	Pittsburgh -3402 • (86	, PA 00) 365-23	Weller Township, Richland County, Ohio	Sheet 1 of 1	
LC	GGED B	(b) (4)				TO SHAPE I STATE	GROUND SURFACE ELEVATION: N/A		
DF	RILLER: S	Subsurfa	ce, Inc.	N			TOP OF CASING ELEVATION: N/A	22	
D/	ATE DRIL	LED: 09	/10/98				INITIAL WATER LEVEL: N/A	DATE:	
DF	RILL MET	H OD: Ge	oprobe				STATIC WATER LEVEL: N/A	DATE:	
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description		
	N/A	30			-		Brown silty CLAY (CL) w/ gravel, medium stiff, moist, crushed rock (FILL) Well-sorted coarse SAND (SW), loose, moist Brown silty CLAY (CL) w/ gravel, medium stiff, moist, crushed rock (FILL)		-
-	N/A	44			5- - -	赛			-
-	1.2	32			- 10-	E E E E			-
							Boring terminated @ 12 feet	7	1
-					15-		an and an analysis of the state		
					20-				
-		п			25- -		: SXI		

_									·	-		-	-
				77			C	olumbia Gas Transmission avonia Compressor Station	JOB N	98	220		
0			menta	ol Cons			Contractor	arema eemprodust otation	roe 0	F SU	900		
(61	Cinc 13) 985-022	innati, OH 6 • (800) 7	69-5614	(412) 921-	ittsburgh, 3402 • (80	, PA 00) 365-	2324 We	eller Township, Richland County, Ohio	Sheet	1 of			
LO	GGED BY	(b) (4)					GF	NOUND SURFACE ELEVATION: N/A					
-	ILL ER: S		e, Inc.				TC	OP OF CASING ELEVATION: N/A	//// - 1 % - 1 m 3				
DA	TE DRIL	LED; 09/	10/98				IN	ITIAL WATER LEVEL: 13.5 ft. BGS	D/	TE: 0	9/10/	98	91797171
DR	ILL METI	100: Geo	probe				SI	TATIC WATER LEVEL: N/A	D/	TE:			
A CONTRACTOR OF THE CONTRACTOR	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log		Materials Description					
					10-	+++++++++++++++++++++++++++++++++++++++	Dari zon Broi (FII	k brown clayey siit, crushed rock, root e, possible buried A horizon (FILL) wn clayey siit, very moist, crushed rock LL) wn SAND (SP), soft, wet (compacted) wn to gray sandy GRAVEL (GP), soft, wet turated), channel deposit					

Γ							Columbia Gas Transmission	JOB NO.:	08220	
							Pavonia Compressor Station			
1	Cin	cinnati, Ol	Н	al Con	Pittsburgh	. PA		LOG OF S	50010	
	513) 985-02	26 • (800)	759-5614	(412) 921-	-3402 • (8	00) 365-2	monet to minoring) tracing the deality) of the	Sheet 1 c	of 1	
		Y: (b) (4)					GROUND SURFACE ELEVATION: N/A			
-		Subsurfa					TOP OF CASING ELEVATION: N/A			
		L LED: 09					INITIAL WATER LEVEL: N/A	DATE	:	
DI	RILL MET	HOD: Ge	oprobe				STATIC WATER LEVEL: N/A	DATE		
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description			
-	1.6	48			-		Brown clayey SILT (ML), stiff, slightly moist, crushed rock (FILL)			
-	1.8	48			5- - -	++ 60000	Brown silty CLAY (CL), stiff, moist Brown unsorted sandy GRAVEL (GP), loose, moist, subrounded cobbles, channel material			-
-	1.8	30			10-	0000000				-
							Boring terminated @ 12 feet			
-		0	gn S		15-					
					25-					

Г										-
				44			Columbia Gas Transmission Pavonia Compressor Station	JOB NO.:	98220	
1	Civil &	Enviro	nment	al Con	sultan	ts, Inc	Sample Station	LOG OF S	SU011	
(Cin 513) 985-02	cinnati, Ol 28 ● (800)	759-5814	(412) 921	Pittsburgh -3402 ● (8	i, PA 00) 365-23:	Weller Township, Richland County, Ohio	Sheet 1 o	f 1	
LC	OGGED B	y: (b) (4)					GROUND SURFACE ELEVATION: N/A			
DI	RILLER:	Subsurfa	ce, Inc.				TOP OF CASING ELEVATION: N/A			
D/	ATE DRI	LED: 09	/10/98				INITIAL WATER LEVEL: N/A	DATE:	:	
Of	RILL MET	'HOD: Ge	oprobe				STATIC WATER LEVEL: N/A	DATE:		
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description			
-	N/A				-	基基基	Brown clayey SILT (ML), medium stiff, moist, crushed rock (FILL)			-
-	1.6				5- - -	联基	Province and the CDAVET (CD) to the control of			-
Ŀ	2.0				10-	00000	Brown sandy GRAVEL (GP), loose, moist			
					-		Brown SAND (SP), loose, very moist			-
ŀ					-		Boring terminated @ 12 feet			
-					-					
_					15-					
-					4					
					-					
					4					
-					20-					-
					+					-
					1					-
					1					
	10				25					
					25-					11
				1]					

				HH			Columbia Gas Transmission Pavonia Compressor Station	JOB NO.: 9	98220
1	Civil &	Enviro	nment	al Con		s, Inc.	Total Complessor Station	LOG OF S	U013
_	513) 985-02	Berger Charles	759-5614	(412) 921-	Pittsburgh -3402 ● (8	, PA 00) 365-2324	Weller Township, Richland County, Ohio	Sheet 1 of	f 1
LC	OGGED B	Y: (b) (4)					GROUND SURFACE ELEVATION: N/A	-100	118110 7.4
DF	RILLER: 9	Subsurfa	ce, Inc.				TOP OF CASING ELEVATION: N/A	(22)	
D/	ATE DRIL	LED: 09	/11/98				INITIAL WATER LEVEL: N/A	DATE:	
DF	RILL MET	HOD: Ge	oprobe				STATIC WATER LEVEL: N/A	DATE:	
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description		
	2.0	48			-	菜菜	Brown to gray silty CLAY (CL), loose, slightly moist, crushed rock (FILL) Loose, crushed rock (concrete) Brown to gray silty CLAY (CL), loose, slightly moist, crushed rock (FILL)		-
-	1.8	24			5- - -	築	Refusal @ 7 feet. Boring terminated		
					10-		Refusal @ / feet. Boring terminated		

/8-8	=1-/		Columbia Gas Transmission	JOB NO.: 9	8220
Civil & Environments	al Consultant	s, Inc.	Pavonia Compressor Station	LOG OF SU	J014
Cincinnati, OH (513) 985-0226 ● (800) 759-5814	Pittsburgh (412) 921-3402 ● (80	, PA	Weller Township, Richland County, Ohio	Sheet 1 of	1
LOGGED BY: (b) (4)			GROUND SURFACE ELEVATION: N/A		18
DRILLER: Subsurface, Inc.			TOP OF CASING ELEVATION: N/A		
DATE DRILLED: 09/11/98			INITIAL WATER LEVEL: N/A	DATE:	
DRILL METHOD: Geoprobe			STATIC WATER LEVEL: N/A	DATE:	
HNU (ppm) Recovery (in.) Blow Counts	Elevation MSL Depth (ft.)	Graphic Log	Materials Description		
8	5-		Crushed rock (FILL) Refusal @ 5 feet. Boring terminated		

				H		A CONTRACTOR OF THE STATE OF TH	Columbia Gas Transmission	JOB NO.: 9	8220
Civi	131	Enviro			sultant	s, Inc.	Pavonia Compressor Station	LOG OF SU	1015
(513) 9	Cinc 185-022	innati, OF 6 • (800)	1 759-5614	(412) 921-	Pittsburgh -3402 ● (80	, PA 00) 365-232	4 Weller Township, Richland County, Ohio	Sheet 1 of	1
LOGGE	ED BY	(b) (4)					GROUND SURFACE ELEVATION: N/A	-	
		ubsurfac					TOP OF CASING ELEVATION: N/A		
DATE	DRIL	LED: 09	/11/98	11			INITIAL WATER LEVEL: N/A	DATE:	
DRILL	MET	H OD: Ge	oprobe		7/2		STATIC WATER LEVEL: N/A	DATE:	
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description		
-		48			-	蓝	Crushed gray limestone rock w/ clayey silt matrix, loose, moist (FILL) Brown clayey SILT (ML) w/ subangular pebbles (1-5 mm), medium stiff, moist		
		24			5-		Same as above w/ angular rock fragments (possible cement aggregate) - No recovery		-
					_		Refusal @ 8 feet. Boring terminated	7	-
-					10-				-
	9				20-				

Γ				47			Columbia Gas Transmission		10.: 98	3220	
7	ivii & livi	Enviro	nmenta	al Cons	sultant	s. In	Pavonia Compressor Station	LOG	OF SU	016	
ı		innati, OH		F	Pittsburgh 3402 • (80	, PA		Shee	t 1 of	1	
LO	GGED BY	(b) (4)					GROUND SURFACE ELEVATION: N/A				
DR	ILLER: S	ubsurfac	e, Inc.				TOP OF CASING ELEVATION: N/A				
DA	TE DRIL	LED: 09/	/11/98				INITIAL WATER LEVEL: N/A	D	ATE:		
DR	ILL MET	HOD: Geo	probe				STATIC WATER LEVEL: N/A	D	ATE:		
	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description				
	1.2	24			-		Brown crushed rock, brick, and clayey silt, soft, moist (FILL) Crushed brick and concrete (off-white to gray) (FILL) Brown crushed rock, brick, and clayey silt, soft, moist (FILL)				-
-	N/A	44			5-	## NOW	Brown clayey SILT (ML) w/ subangular cobbles (1-5 mm), stiff, moist				
	N/A	44			10-		Same as above				-
	N/A	44			15-		Same as above				1
-					+	/:/:	Boring terminated @ 16 feet				-
-					-	-					-
-					20-						-
-					25-						-
					-						1

Γ							Columbia Gas Transmission	JOB NO.:	98220
=		Envisor					Pavonia Compressor Station	LOG OF S	
ı	Cinc	innati, OH		el Cons F (412) 921-	Pittsburgh	. PA		Sheet 1 o	
LO	GGED BY	(:(b) (4)					GROUND SURFACE ELEVATION: N/A		
-	-	ubsurfac	e, Inc.				TOP OF CASING ELEVATION: N/A		
DA	TE DRIL	LED: 09	/04/98				INITIAL WATER LEVEL: N/A	DATE:	
DR	ILL MET	HOD: Ge	oprobe				STATIC WATER LEVEL: N/A	DATE:	
TAY TO SERVICE THE SERVICE STATES	HNU (ppm)	Recovery (in.)	Blow Counts	Elevation MSL	Depth (ft.)	Graphic Log	Materials Description		
	N/A	12		(820)	-	**** **** **** ***	Gravel cover - Brown SAND (SP) and GRAVEL (GP), very loose, moist to wet (FILL)		-
-	1.5	30			5- - -		Brown silty CLAY, stiff, moist, gray mottling		-
					10-		Boring terminated @ 8 feet		

APPENDIX H SITE BACKGROUND METALS CALCULATIONS

COLUMBIA GAS TRANSMISSION COMPANY PAVONIA COMPRESSOR STATION WELLER TOWNSHIP, RICHLAND COUNTY, OHIO

BACKGROUND METALS CALCULATIONS

Metals were detected in background samples as follows (results in mg/kg):

Sample No.	Depth (ft. bgs)	Arsenic	Barium	Beryllium	Cadmium	Chromium	Lead	Nickel	BBF^2	BKF ³
SBO52	0-1 2-6	22.4 23.1	130 39.8	1.9 0.55 ¹	0.55^{1} 0.55^{1}	76.4 19.3	108 30.1	18.2 22.7	0.48 0.185	0.47 0.185^{1}
SB053	0-1 2-6	6.4 17.5	238 66.7	3.6 0.55 ¹	0.6^{1} 0.55^{1}	44.4 11.0	12.55 ¹ 39.4	24.5 22.9	0.215 0.2 ¹	0.215^{1} 0.2^{1}
SB054	0-1 2-6	13.8 27.7	133 58.6	0.55 ¹ 1.2	0.55 ¹ 0.5 ¹	14.6 18.5	11.3 ¹ 25.9	22.8 50.4	0.195 0.2 ¹	0.195^{1} 0.2^{1}
SB055	2-6	12.2	78.8	0.51	0.51	18.9	27.6	42.5	0.2^{1}	0.2^{1}
SB061	0-1 2-6	12.1 J- 24.7 J-	49.0 40.1	0.55^{1} 0.55^{1}	0.55 ¹ 1.3	16.9 10.4	11.3 ¹ 10.7 ¹	36.4 J- 26.4 J-		
Average		17.76	92.7	1.1	0.6	25.6	30.1	29.6	0.24	0.24
Average x	: 2	35.5	185.4	2.2	1.2	51.2	60.2	59.3	0.48	0.48
Maximum Backgroun Concentra	nd	24.7	238	3.6	1.3	76.4	108	50.4	0.48	0.47
Calculated Backgroun Concentra	nd	35.5	238	3.6	1.3	76.4	108	59.3	0.48	0.48

Notes:

- 1. Metal non-detect, value is ½ detection limit.
- 2. Benzo(b)flouranthene
- 3. Benzo(k)flouranthene

Reference: "Data Collection and Evaluation, Human Health Risk Assessment Bulletin No. 2, Supplemental Guidance to RAGS." Office of Technical Services, U.S. EPA Region IV, October, 1996.